

PRODUCTION DIVISION - NORTHERN DISTRICT

April 20, 1978



State of Utah
Department of Natural Resources
Division of Oil & Gas Conservation
1588 West North Temple
Salt Lake City, Utah 84116

Attention: Cleon Feight

Re: Application for Permit to Drill

River Bend #14-08-0001-16305

Gentlemen:

Enclosed for your information is a copy of the Application for Permit to Drill and attachments for each of the following wells:

RBU No. 11-21E

RBU No. 5-12D

RBU No. 11-16F

RBU No. 11-23E

RBU No. 11-14E

RBU No. 5-11D

RBU No. 11-10E

RBU No. 15-17E

RBU No. 7-25B

RBU No. 11-19F

Very truly yours,

MARCO Inc.

James J. Benner

Reservoir and Production Engineer

JJB/jv

Enclosures

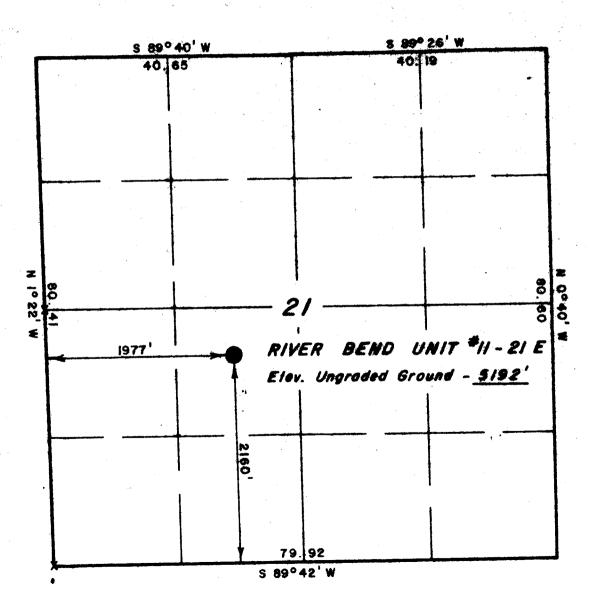
UNITED STATES DEPARTMENT OF THE INTERIOR

	DEPARIMENT	Or Inc in	AIEL	IOI		5. LEASE DESIGNATION AND BERIAL NO.
	GEOLOG	ICAL SURVE	Υ			U-013766
APPLICATION	6. IF INDIAN, ALLOTTEE OR TRIBE NAME					
a. TYPE OF WORK	L 💭	DEEPEN [PLUG E	BACK LTIPLE TO	7. ENIT AGREEMENT NAME River Bend #14-08-0001-16305 8. FARM OR LEASE NAME
2. NAME OF OPERATOR						9. WELL NO.
	MAPCO Inc.	lana Mash				RBU 11-21E
3. ADDRESS OF OPERATOR	Suite 320 P	iaza west n Rillir	nas	Montana 5910	2	10. FIELD AND POOL, OR WILDCAT
4. LOCATION OF WELL (Re	port location clearly and	in accordance wit	h any S	tate requirements.*)		River Bend
At surface	(1) 2160' FSI	ַ 8 איי//די - 8 -	<i>I</i> L	Į.	,	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
At proposed prod. zone	SAME			d-		Section 21 T. 10 S., R 19 E.
14. DISTANCE IN MILES A		EST TOWN OR POST	r offici			12. COUNTY OR PARISH 13. STATE Uintah Utah
	V Ouray, Utah		16 NO	. OF ACRES IN LEASI	E 17. NO.	OF ACRES ASSIGNED
15. BISTANCE FROM PROPO- LOCATION TO NEAREST PROPERTY OR LEASE LI (Also to nearest drig	INE, FT. 19 . unit line, if any)	ידז 🖊 ב	224	0.00	TO	THIS WELL 640
18. DISTANCE FROM PROPO TO NEAREST WELL, DR OR APPLIED FOR, ON THE	OSED LOCATION®	5280'	(5)	8230'	(4	· -
21. ELEVATIONS (Show whe	ther DF, RT, GR, etc.)					` !
	(2					(14) 7-15-78 30 Day
23. (8)	and (9) P	ROPOSED CASI	NG ANI	CEMENTING PRO	OGRAM	
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER F	оот	SETTING DEPTH		QUANTITY OF CEMENT
12-1/4"	8-5/8" - New	24		500'		ent to surface
7-7/8''	5-1/2" - New	17		8230'	As_	required / '
(4), (5), (8), (3) and (6):	(9) and (14) a Uintah S Green River 1	on Form 9- re so note urface 100' 600'	331C d abc	by NTL-6, do Ove. The res Chapita Nuteland Mesaverd	Wells S Bts.	76, as Items No. (1), (2) lows: 5330' 5730'
in the G bearing the Wasa	reen River from	n approxima red in this intermediat	tely area e ove	1100'-4600' previously erall interv	ino cor inas bea	earing zones encountered nmercially productive oil aring formations will be 4600'-7700'±, and the
(10): Figure #		- Continued	i on i	back of page		and proposed new productive
in above space describ zone. If proposal is to preventer program, if ar	drill or deepen direction	proposal is to deally, give pertine	epen or nt data			roductive zone and proposed new productive ared and true vertical depths. Give blowou
24. <i>A</i>	2/11.			Manager of Northern Di		DATE April 13, 1978
(This space for Fed	Holliman eral or State office use)	т	ITLE		APPROVE	D BY THE DIVISION OF
4.3	-047-30414	1		APPROVAL DATE	OIL, GAS	AND MINING
PERMIT NO.					DATE:	4-25-118
APPROVED BY	VAL, IF ANY :		TITLE	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	BY: C.	D. Flightly

MAPCO INC.

Well location, RIVER BEND UNIT #11-21 E, located co shown in the NE 1/4 SW 1/4 Section 21, T 10 S, R 19 E, S.L.B. & M. Uintah County, Utah.

R 19 E, S.L.B. & M.



X = Section Corners Located

· T 10 S,

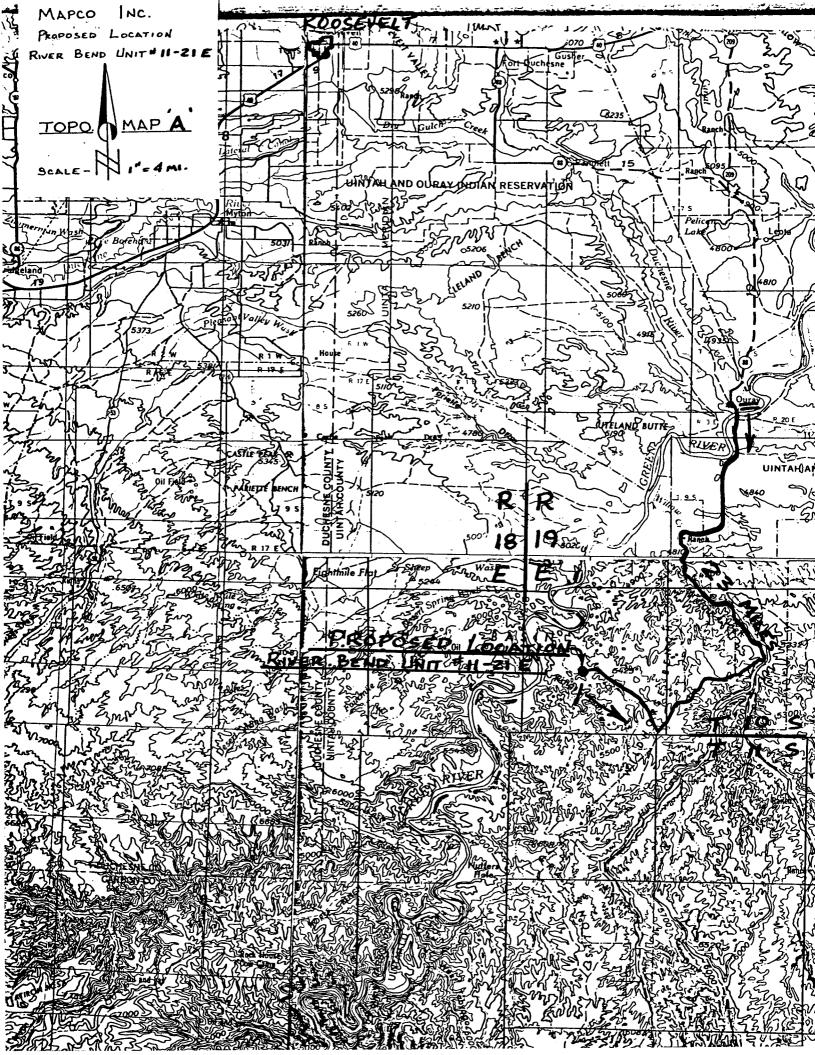
CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORNECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SHRVEYOR REGISTRATION N2 3154

UINTAH ENGINEERING & LAND SURVEYING
POBOX Q - 110 EAST - FIRST SOUTH
VERNAL, UTAH - 84078

SCALE	1"	E	1000'		DATE 4/5/78
PARTY	MS	SS	кн	DJ	REFERENCES GLO Plat
WEATH	R	Fair			FILE MAPCO INC.



MAPCO INCORPORATED

13 Point Surface Use Plan

for

Well Location

River Bend Unit #11-21 E

Located In

Section 21, T10S, R19E, S.L.B. & M.

Uintah County, Utah

1. EXISTING ROAD

To reach Mapco Incorporated, well location River Bend Unit #11-21 F, located in the NE 1/4 SW 1/4 Section 21, TlOS, R19E, S.L.B. & M., Uintah County, Utah; proceed Westerly out of Vernal, Utah along U.S. Highway 40, 14 miles to the junction of this road and Utah State Highway 209; proceed South along Utah State Highway 209, 7 miles more or less to the junction of this Highway and Utah State Highway 88; proceed South along Utah State Highway 88-10 miles to Ouray, Utah; proceed on South along a county road known as the Seep Ridge Road 0.2 miles along the Seep Ridge to its junction with an existing dirt service road to the South known as the Turkey Trail Road; proceed Southerly along this road 1.7 miles to the point that it intersects an existing dirt service road to the South, known as Willow Creek Road; proceed in a Southerly direction along this road 1.3 miles to the point that it intersects an existing dirt service road to the West, known as the Hill Creek road; proceed Westerly across Black Bridge, along this road 0.5 miles to the point that it intersects an existing dirt service road to the North; proceed Northerly along this service road 2.8 miles to the point that it intersects an existing dirt service road to the Northwest; proceed Southwesterly along the same service road 3 miles to the point that it intersects an existing dirt service road to the Northwest; proceed Northwesterly along this service road 3.3 miles to the point that it intersects an existing dirt service road to the East; proceed along the same road to the Northwest 1.2 miles to the proposed location site.

The Highways mentioned in the foregoing paragraph are bituminous surfaced road to Ouray, Utah at which point the County road is surfaced with native asphalt for \pm 4 miles and then is a gravel surface to the aforementioned service roads.

The aforementioned dirt oil field service roads and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing areas they are located in and range from clays to a sandy-clay shale materials.

There is no anticipated construction on any portion of the above described road. They will meet the necessary standards required to facilitate an orderly flow of traffic during the drilling phase; completion phase and the production phase of this well at such time that production is established.

The roads that are required for access during the drilling phase, completion phase, and production phase of this well, will be maintained at the standards required by the B.L.M. or other controlling agencies.

2. PLANNED ACCESS ROAD

See Topographic Map "B".

There will be no planned access road as the existing road goes through the proposed location site.

3. LOCATION OF EXISTING WELLS

There are other wells within a one mile radius of this location (See Topographic Map "B"). For the exact location of this well in Section 21, TlOS, R19E, S.L.B. & M. see the location plat.

4. LOCATION OF TANK BATTERIES, PRODUCTION FACILITIES, AND PRODUCTION GATHERING AND SERVICE LINES

At the present time there are no other Mapco Incorporated batteries, production facilities, oil gathering lines, gas gathering lines, injection and disposal lines within a one-mile radius.

LOCATION OF TANK BATTERIES, PRODUCTION FACILITIES, AND PRODUCTION GATHERING AND SERVICE LINES - continued

In the event that production of this well is established, then the existing area of the location will be utilized for the establishment of the necessary production facilities.

This area will be built, if possible, with native materials and if these materials are not available then the necessary arrangements will be made to get them from private sources.

The total area that is needed for the production of this well will be fenced and cattleguards will be utilized for access to these facilities.

If there is any deviation from the above, then all appropriate agencies will be notified prior to construction and all necessary requests and applications will be made.

5. LOCATION AND TYPE OF WATER SUPPLY

Water to be used for the drilling and production of this well will be hauled by truck from the Green River, at a point located in the SE 1/4 of Section 18, TlOS, R19E, S.L.B. & M. approximately 2.5 road miles to the West from the proposed location.

In the event that the above sources is not used other arrangements will be made with the proper authorities for an alternate source.

All regulations and guidelines will be followed and no deviations will be made unless all concerned agencies are notified.

6. SOURCE OF CONSTRUCTION MATERIALS

All construction materials for this location site and access road shall be borrow materials accumulated during construction of the location site and access road. No additional road gravels or pit lining materials from other sources are anticipated at this time, but if they are required, the appropriate actions will be taken to acquire them from private sources.

The native materials that will be used in the construction of this location site and access road iwll consist of sandy-clay soils and sandstone and shale materials gathered in actual construction of the road and location.

7. METHODS FOR HANDLING WASTE DISPOSAL

A reserve and burn pit shall be constructed, and at least half of the depth of the reserve pit shall be below the existing ground surface. All trash and flammable materials will be burned in the burn pit. Non-flammable materials such as cuttings, salts, chemicals, etc. will be buried in the reserve pit and covered with a minimum of four feet of earth material. Prior to the onset of drilling, the burn pit will be fenced on all four sides with a net wire, and the reserve pit will be fenced on three sides. Upon completion of drilling, the fourth side of the reserve pit will be fenced and allowed to dry completely before backfilling and reclamation are attempted. A portable chemical toilet will be supplied for human waste.

8. ANCILLARY FACILITIES

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. WELL SITE LAYOUT

See attached Location Layout Sheet.

The B.L.M. District Manager shall be notified before any construction begins on the proposed location site and road.

As mentioned in Item #7, the pits will be unlined unless it is determined by the representatives of the agencies involved that the materials are too porous: and would cause contamination to the surrounding area; then the pits will be lined with a gel and any other type material necessary to make it safe and tight.

When drilling activities commence, all work shall proceed in a neat and orderly sequence.

10. PLANS FOR RESTORATION OF SURFACE

As there is some topsoil on the location site, all topsoil shall be stripped and stockpiled. (See Location Layout Sheet and Item #9). When all drilling and production activities have been completed, the location site and access road will be reshaped to the original contour and stockpiled topsoil spread over the disturbed area. Fences around pits are to be removed upon completion of drilling activities and all waste being contained in the trash pit shall be buried with a minimum of 4' of cover. The reserve pit will be completely fenced and allowed to dry before covering. When restoration activities have been completed, the location site and access ramp shall be reseeded with a seed mixture recommended by the B.L.M. District Manager when the moisture content of the soil is adequate for germination. The Lessee further convenants and agrees that all of said cleanup and restoration activities shall be done and performed in a diligent and most workmanlike manner and in strict conformity with the above mentioned Items #7 and #10.

11. OTHER INFORMATION

The Topography of the General Area - (See Topographic Map "A").

The area is a basin formed between the Book Cliff Mountains to the South and the Uinta Mountains to the North. The area is interlaced with numerous canyons and ridges which are extremely steep with numerous ledges formed in sandstones, conglomerates, and shale deposits. The Green River is located approximately 2 miles to the West of the location site.

The majority of the washes and streams in the area are non-perennial in nature with the only ones in the area having a year round flow being Willow Creek to the Northeast and the Green River to the West, of which the numerous washes, draws, and non-perennial streams flow to the West and are tributaries to the Green River.

The soils of this semi-arid area are of the Uinta Formation and Duchesne River formation (the Fluvial Sandstone and Mudstone) from the Eocene Epoch and Quaternary Epoch (gravel surfaces) and the visible geologic structures consist of light brownishgray clays (OL) to sandy soils (SM-ML) with poorly graded gravels and shales with outcrops of rock (sandstone, mudstone, conglomerates and shales).

Due to the low precipitation average, climatic conditions and the marginal types of soils, the vegetation that is found in the area is common of the semi-arid region we are located in and in the lower elevations of the Uinta Basin. It consists of, as primary flora, areas of sagebrush, rabbitbrush, some grasses and cacti, and large areas of bare soils devoid of any growth. In the areas away from and in the vicinity of non-perennial streams, cottonwoods, willows, tamarack, sagebrush, rabbitbrush, grasses and cacti can be found.

OTHER INFORMATION - continued

The fauna of the area is sparse and consists predominantely of the mule deer, coyotes, pronghorn antelope, rabbits, and varieties of small ground squirrels and other types of rodents, and various reptiles common to the area.

The birds of the area are raptors, finches, ground sparrows, magpies, crows, and jays.

The area is used by man for the primary purpose of grazing domestic livestock.

The Topography of the Immediate Area (See Topographic Map "B").

River Bend Unit #11-21 F location site sits on a relatively flat area, known as the Wild Horse Bench.

The geologic structure is of the Uinta formation and consists of light-brownishgray sandy clay (SP-CL) with some sandstone outcrops.

The ground slopes from the West through the location to the East at approximately a 2% grade.

The location is covered with some sagebrush and grasses.

There are no occupied dwellings or other facilities of this nature in the general area.

There are no visible archaeological, historical, or cultural sites within any reasonable proximity of the proposed location site. (See Topographic Map "B").

LESSEE'S OPERATOR'S REPRESENTATIVE 12.

Steve Hale Mapco Incorporated P.O. Box 1360 Roosevelt, Utah 84066

TELE: 1-801-722-4521

CERTIFICATION 13.

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Mapco Incorporated and its contractors and sub-contractors in conformity with this plan and terms and conditions with this plan and the terms and conditions under which it is approved.

(o-13-78

Drilling and Production Superintendant

MAPCO INCORPORATED

13 Point Surface Use Plan

for

Well Location

River Bend Unit #11-21 E

Located In

Section 21, T10S, R19E, S.L.B. & M.

Uintah County, Utah

1. EXISTING ROAD

To reach Mapco Incorporated, well location River Bend Unit #11-21 E, located in the NE 1/4 SW 1/4 Section 21, T10S, R19E, S.L.B. & M., Uintah County, Utah; proceed Westerly out of Vernal, Utah along U.S Highway 40, 14 miles to the junction of this road and Utah State Highway 209; proceed South along Utah State Highway 209, 7 miles more or less to the junction of this Highway and Utah State Highway 88; proceed South along Utah State Highwy 88-10 miles to Ouray, Utah; proceed on South along a county road known as the Seep Ridge Road 9.2 miles along the Seep Ridge to its junction with an existing dirt service road to the South known as the Turkey Trail Road; proceed Southerly along this road 1.7 miles to the point that it intersects an existing dirt service road to the South, known as Willow Creek road; proceed in a Southerly direction along this road 1.3 miles to the point that it intersects an existing dirt service road to the West, known as the Hill Creek road; proceed Westerly, across Black Bridge, along this road 0.5 miles to the point that it intersects an existing dirt service road to the North; proceed Northerly along this service road 2.8 miles to the point that it intersects an existing dirt service road to the Northwest; proceed Southwesterly along the same service road 3 miles to the point that it intersects an existing dirt service road to the Northwest; proceed Northwesterly along this service road 3.3 miles to the point that it intersects an existing dirt service road to the East; proceed along the same road to the Northwest 1.2 miles to the point that the planned access road (to be discussed in Item #2) leaves the existing road in a Southeasterly direction.

The Highways mentioned in the foregoing paragraph are bituminous surfaced road to Ouray, Utah at which point the County road is surface with native asphalt for \pm 4 miles and then is a gravel surface to the aforementioned service roads.

The aforementioned dirt oil field service roads and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing areas they are located in and range from clays to a sandy-clay shale material.

There is no anticipated construction on any portion of the above described road. They will meet the necessary standards required to facilitate an orderly flow of traffic during the drilling phase; completion phase and the production phase of this well at such time that production is established.

The roads that are required for access during the drilling phase, completion phase, and production phase of this well, will be maintained at the standards required by the B.L.M. or other controlling agencies.

2. PLANNED ACCESS ROAD

See Topographic Map "B".

The proposed access road leaves the existing service road in the SW 1/4 Section 21, TlOS, R19E, S.L.B. & M. and proceeds in a Southwesterly direction 200' to the proposed location site.

In order to facilitate the anticipated traffic flow necessary to drill and produce this well, the following standards will be met:

This proposed access road will be an 18' crown road (9' either side of the centerline) with drain ditches along either side of the proposed road where it is determined necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area.

PLANNED ACCESS ROAD - continued

Back slopes along the cut areas of the road will be 1 1/2 to 1 slopes and terraced.

The road will be centerline flagged prior to the commencement of construction.

The grade of this road will vary from flat to 8%, but will not exceed this amount. This road will be constructed from native borrow accumulated during construction.

If deemed necessary by the local governmental agencies or their representatives, turnouts will be installed for safety purposes every 0.25 miles or on the top of ridges or at intervals and locations that will provide the greatest sight distance. These turnouts will be 200' in length and 10' in width and will be tapered from the shoulder of the road for a distance of 50' in length at both the access and outlet ends.

Any fences that are encountered along this access road will be cut and replaced with a cattleguard with a minimum width of 18' and a loading factor large enough to facilitate the heavy trucks required in the drilling and production of this well.

If cattleguards are to be located at existing gates, they will be installed with the above requirements and with a new gate installed at one end of the cattleguard.

The access from the road to the gate will be of such a nature there will be no impedance of traffic flow along the main access road and no difficulties encountered by traffic utilizing the gate, either leaving or entering the proposed access road.

The vegetation along this route consists of sparse amounts of sagebrush, rabbit-brush, some grasses and cacti with large areas that are devoid of vegetation.

3. LOCATION OF EXISTING WELLS

There are other wells within a one mile radius of this location (See Topographic Map "B"). For the exact location of this well in Section 21, T10S, R19E, S.L.B. & M. see the location plat.

4. LOCATION OF TANK BATTERIES, PRODUCTION FACILITIES, AND PRODUCTION GATHERING AND SERVICE LINES

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This area will be built, if possible, with native materials and if these materials are not available then the necessary arrangements will be made to get them from private sources.

The total area that is needed for the production of this well will be fenced and cattleguards will be utilized for access to these facilities.

If there is any deviation from the above, then all appropriate agencies will be notified prior to construction and all necessary requests and applications will be made.

5. LOCATION AND TYPE OF WATER SUPPLY

Water to be used for the drilling and production of this well will be hauled by truck from the Green River, at a point located in the SE 1/4 of Section 18, TlOS, R19E, S.L.B. & M. approximately 2.5 road miles to the West from the proposed location.

In the event that the above sources is not used other arrangements will be made with the proper authorities for an alternate source.

All regulations and guidelines will be followed and no deviations will be made unless all concerned agencies are notified.

6. SOURCE OF CONSTRUCTION MATERIALS

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11. OTHER INFORMATION

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The majority of the washes and streams in the area are non-perennial in nature with the only ones in the area having a year round flow being Willow Creek to the Northeast and the Green River to the West, of which the numerous washes, draws and non-perennial streams flow to the West and are tributaries to the Green River.

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The birds of the area are raptors, finches, ground sparrows, magpies, crows, and jays.

The area is used by man for the primary purpose of grazing domestic livestock.

The Topography of the Immediate Area (See Topographic Map "B").

OTHER INFORMATION - continued

River Bend Unit #11-21 E location site sits on a relatively flat area, known as the Wild Horse Bench.

The geologic structure is of the Uinta formation and consists of light-brownish-gray sandy clay (SP-CL) with some sandstone outcrops.

The ground slopes from the West through the location to the East at approximately a 2% grade.

The location is covered with some sagebrush and grasses.

There are no occupied dwellings or other facilities of this nature in the general area.

There are no visible archaelogical, historical, or cultural sites within any reasonable proximity of the proposed location site. (See Topographic Map "B").

12. LESSEE'S OPERATOR'S REPRESENTATIVE

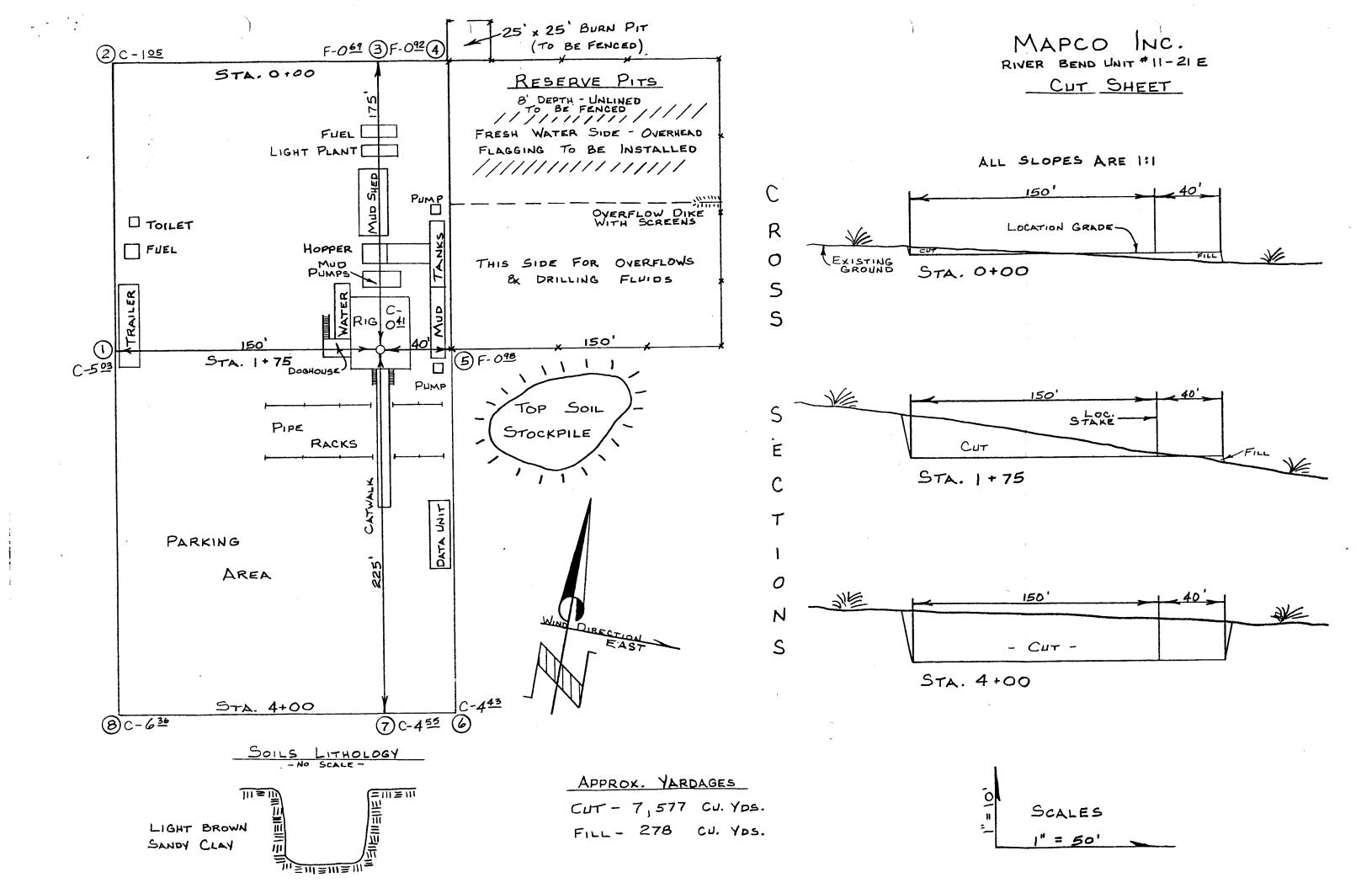
Darwin Kulland
Mapco Incorporated
P.O. Box 1360
Roosevelt, Utah 84066

TELE: 1-801-722-4521

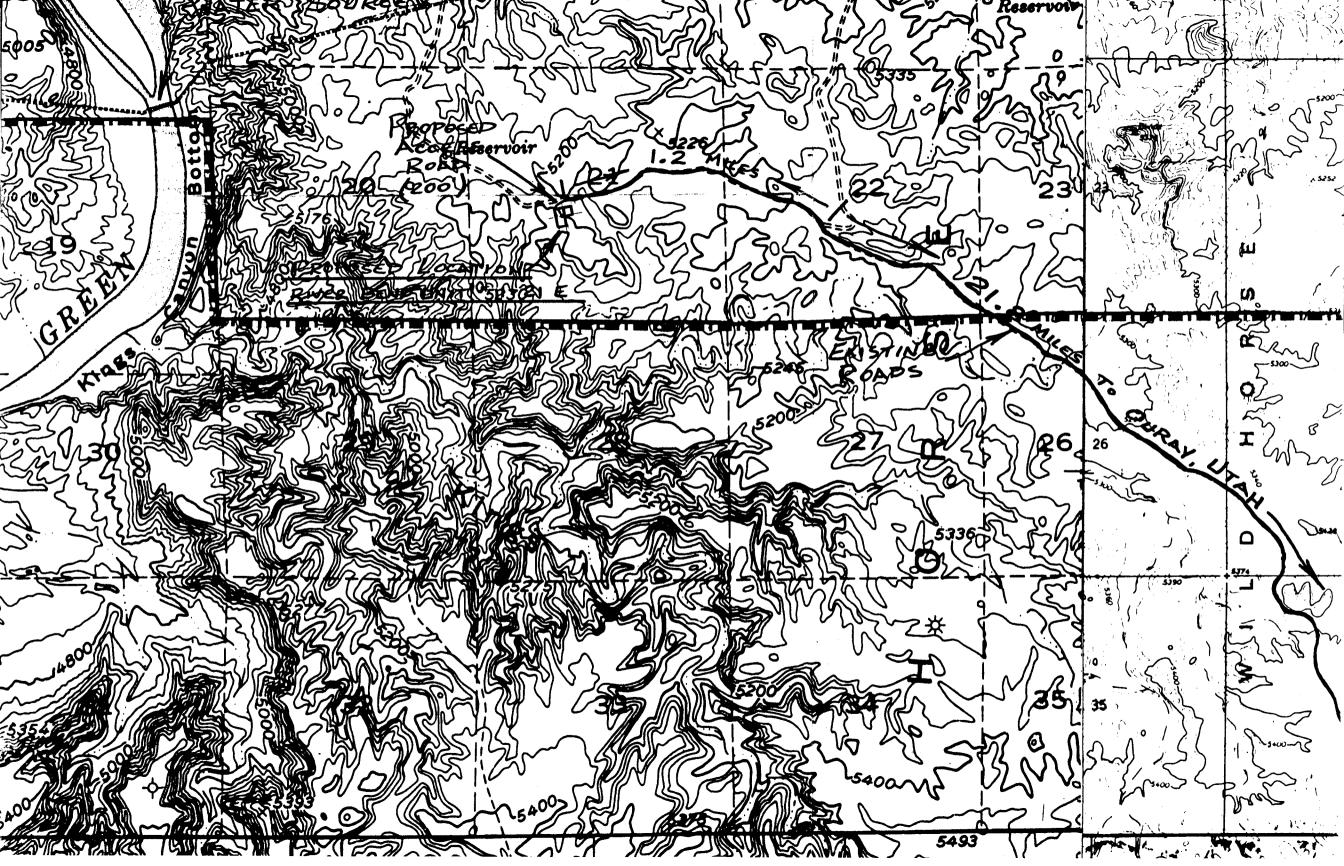
13. CERTIFICATION

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge true and correct; and that the work associated with the operations proposed herein will be performed by Mapco Incoporated and its contractors and sub-contractors in conformity with this plan and terms and conditions with this plan and the terms and conditions under which it is approved.

April 17, 1978	/s/ Darwin Kulland
Date	Darwin Kulland
	Drilling and Production Superintendant







** FILE NOTATIONS ** Operator: Well No: R. 19E County: Usutar Entered on N.I.D.: File Prepared: Completion Sheet: Card Indexed: CHECKED BY: Petroleum Engineer Remarks: Director Remarks: INCLUDE WITHIN APPROVAL LETTER: Bond Required: Survey Plat Required: Surface Casing Change Order No. Rule C-3(c), Topographic exception/company owns or controls acreage within a 660' radius of proposed site O.K. Rule C-3 / Other:

Form 9-331 (May 1963)		NITL STATES ENT OF THE INTE	SUBMIT IN TRIPLIC (Other Instructions on Proceedings)	Form approved. Budget Bureau No. 42-R1424. 5. LEASE DESIGNATION AND SERIAL NO.
	GE	OLOGICAL SURVEY		013766
		ES AND REPORTS to drill or to deepen or plus ON FOR PERMIT—" for such	ON WELLS g back to a different reservoir. n proposals.)	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
1. OIL GAS				7. UNIT AGREEMENT NAME
WELL WE	LL X OTHER			River Bend Unit
2. NAME OF OPERATO	_	•		G. FARM OR DRAGE NAME
Mapco Inco				9. WELL NO.
Suite 320.	Plaza West.	1537 Ave. "D", Bi	11ing, MT 59101	.11-21 F(E?)
4. LOCATION OF WELL See also space 17 At surface	L (Report location clea	rly and in accordance with a	ny State requirements.	10. FIELD AND POOL, OR WILDCAT
2508' from	n the South li	ne		11. SEC., T., R., M., OR BLK. AND SURVEY OR ARBA
1783' from	n the West lin	e		
#				Section 21, T10S, R19E, SLM
14. PERMIT NO.		15. ELEVATIONS (Show whether	DF, RT, GR, etc.)	12. COUNTY OR PARISH 13. STATE
		5188		Uintah Utah
16.	Check App	ropriate Box To Indicate	Nature of Notice, Report, or	Other Data
	NOTICE OF INTENTIO	ON TO:	SUBSEC	QUENT REPORT OF:
TEST WATER SH	UT-OFF PUI	LL OR ALTER CASING	WATER SHUT-OFF	REPAIRING WELL
FRACTURE TREAT		LTIPLE COMPLETE	FRACTURE TREATMENT	ALTERING CASING
8HOOT OR ACIDIZ		ANDON*	shooting or acidizing [(Other) location	MOVE ABANDONMENT*
(Other)	L CH.	ANGE FEARS	(Nore: Report result	is of multiple completion on Well pletion Report and Log form.)
proposed work nent to this wo Locat Bureau of	in If well is directional crk.)* tion moved in Land Manageme	accordance with d	cations and measured and true verti directions given by Dea quested the location b	s, including estimated date of starting any cal depths for all markers and zones perti- an Evans, Vernal Office, be moved North to North
side of th	ne of existing	road in order to	avoid proposed wilder	rness area.
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	May CEIVED ON	\	\ Cer.	The state of the s
CAS CONTRACTOR	* MINING		yar n	60 000
: 6	61118			
18. I hereby certify	that the foregoing is t	rue and correct		0 0
SIGNED 2	ene Stew	ant title	Consultant	DATE
(This space for	Federal or State office	use)		

TITLE _

DATE _____



PRODUCTION DIVISION - NORTHERN DISTRICT

August 2, 1978

State of Utah
Department of Natural Resources
Division of Oil & Gas Conservation
1588 West North Temple
Salt Lake City, Utah 84116

Attention: Cleon Feight

Re: Application for Permit to Drill River Bend #14-08-0001-16305

Gentlemen:

Enclosed for your information is a copy of the Application for Permit to Drill and attachments for the RBU 11-21E, the location has been moved in accordance with directions given by the Bureau of Land Management.

Very truly yours,

MAPCO Inc.

J. D. Holliman

Manager of Operations

Northern District

J۷

Enclosures



5. LEASE DESIGNATION AND SERIAL NO.

(Other instruction on reverse side)

UNITED STATES
DEPARTMENT OF THE INTERIOR

GEOLOGICAL	SURVEY			U-013766
APPLICATION FOR PERMIT TO DR	ILL, DEEPE	N, OR PLU	G BACK	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
DRILL X DEE	PEN 🗌		BACK 🗆	7. UNIT AGREEMENT NAME 14-08-0001-16305 River Bend Unit
OIL GAS WELL X OTHER	SIN ZOI		NE X	S. FARM OR LEASE NAME
2. NAME OF OPERATOR			***	9. WELL NO.
MAPCO incorporated 3. Address of Operator				RBU 11-21E
Suite 320. Plaza West. 1537 Ave.	"D", Billi	ngs, MT. 59	102	10. FIELD AND POOL, OR WILDCAT
4. LOCATION OF WELL (Report location clearly and in accord	ance with any S	tate requirements.	.:	River Bend 11. SEC., T., R., M., OR BLK.
(1) 2508' FSL & At proposed prod zone NE SW Sectio	-			And survey or AREA Section 21
At proposed prod. zone NE 3W SECTIO			: 7	T 10 S., R. 19E.
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN	OR POST OFFICE	•	<u>, , , , , , , , , , , , , , , , , , , </u>	12. COUNTY OR PARISH 13. STATE
18 Miles SW Ouray, Utah				Uintah Utah O. OF ACRES ASSIGNED
15. DISTANCE FROM PROPUSED* LOCATION TO NEARRST PROPERTY OR LEASE LINE, FT. 1783	· 1	2240.00		o THIS WELL 640
(Also to nearest drig, unit line, if any) 18. DISTANCE FROM PROPOSED LOCATION*	. 1	POSED DEPTH	20. R	OTARY OR CABLE TOOLS
TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 5280	(5	8230	. (4	4) Rotary
21. ELEVATIONS (Show whether DF, RT, GR, etc.)		1	.: .	22. APPROX. DATE WORK WILL START*
(2) 5188' Ungraded GL				(14) December 1, 197
23. PROPOSE	D CASING AND	CEMENTING PI	OGRAM	
	HT PER FOOT	SETTING DEPT		QUANTITY OF CEMENT
12-1/4" 8-5/8" - New 24		500.¹ 8230.¹		ement to surface
7-7/8'' 5-1/2'' -New17		0Z3U:		s required.
Data required to be included on Form 9 (4), (5), (8), (9) and (14) are so not (3) and (6): Uintah Surface Green River 1100' Wasatch 4600'	ed above. Chap Utel	The rest of the last of the la	5330 ' 6530 ' 7730 '	ws:
(7): No water anticipated; possible to in the Green River from approximate bearing sands encountered in this the Wasatch, expected intermediate Mesaverde from 7700 to a total	ately 1100 s area pro te overall)' - 4600'± eviously; ga Linterval	, no com as beari	mercially productive oil ng formations will be
10): Figure #1 (attached) IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal some. If proposal is to drill or deepen directionally, give preventer program, if any.	is to deepen or b	nued on bac lug back, give dat n subsurface locat	on present i	productive zone and proposed new productive
SIGNED James D. Hollinas	V TITLE	Manager of Northern D		ons <u>August 1, 1978</u>
(This space for Federal or State office use)		APPROVAL DATE -	PROVED	BY THE DIVISION OF
PERMIT NO.		·····································	<u>., ⊝∧3,</u>	AND MINING
APPROVED BY	TITLE	D/	TE:	0-4-11
CONDITIONS OF APPROVAL, IF ANY:		ВҮ	Ch	m & Fort

*See Instructions On Reverse Side

nstructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Consult Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local

State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone. Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started. The well is to be drilled with a salt water mud system maintaining a weight of approximately 9#/gal with weighting material on location sufficient to weight-up for pressure control as necessary. (11):

No coring will be done. No drill stem tests will be run. The logging program will include Dual Induction and CNL-Density Logs. A mud logger will be used from 4000' to T.D. (12):

As noted in #(11), no abnormal pressures are anticipated nor is the area known for abnormal temperatures The formations to be penetrated do not contain $\ensuremath{\text{H}_2\text{S}}$ gas. (13):

Kelly cock (e) Auxiliary equipment: (15):

Full opening valve on floor with DP connection for use when Kelly is not in string

Pit volume totalizer equipment will be used. ં

SUBMIT IN TRIPLICATE*

Form approved. Budget Bureau No. 42-R1425.

(May 1800)		TED STATES	*	reverse f	no sa	_
• ;		T OF THE IN		•		5. LEASE DESIGNATION AND SERIAL NO.
		OGICAL SURVE				U-013766
APPLICATIO	N FOR PERMIT	TO DRILL, D	EEPEN, OR	PLUG B	ACK	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
	RILL X	DEEPEN [] P	LUG BAC	к 🗆 📗	7. UNIT AGREEMENT NAME #14-08-0001-16305 River Bend Unit
b. TYPE OF WELL OIL G	WELL X OTHER		SINGLE	MULTIPL	* (X)	8. FARM OR LEASE NAME
2. NAME OF OPERATOR	WEDD CLI					
MAPCO Incorp		. 4		<u> </u>		9. WELL NO.
3. ADDRESS OF OPERATOR			. !	.	. -	RBU 11-21E 10. FIELD AND POOL, OR WILDCAT
Suite 320, P	laza West, 1537 Report location clearly an	Ave. ''D'', B	any State require	1. 59102 ments.*)		
At surface		FSL & 1783'		,		River Bend 11. SEC., T., B., M., OR BLE. AND SURVEY OR AREA
At proposed prod. 20:	NE CU	Section 21				Section 21
At proposed prod. 20.						T 10 S., R. 19E.
14. DISTANCE IN MILES	AND DIRECTION FROM NE	AREST TOWN OR POST	OFFICE*	, a		12. COUNTY OR PARISH 13. STATE
	SW Ouray, Utah		16. NO. OF ACRES		17 10 0	Uintah Utah.
15. DISTANCE FROM PROP LOCATION TO NEARES PROPERTY OR LEASE	ST					is well 640
(Also to nearest dri 18. DISTANCE FROM PRO	ig. unit ime, it any)	783'	2240.00	1	20 ROTAR	Y OR CABLE TOOLS
TO NEAREST WELL, I OR APPLIED FOR, ON TH	DRILLING, COMPLETED,	280'	(5) 8230		(4)	Rotary
21. ELEVATIONS (Show wh		1	(), (2)			22. APPROX. DATE WORK WILL START*
(2)	5188¹ Ungrad	ded GL	•			(14) December 1, 1978
23.		PROPOSED CASING	AND CEMENT	NG PROGRA	M	
SIZE OF HOLE	· SIZE OF CASING	WEIGHT PER FOO	T SETTIN	G DEPTH		QUANTITY OF CEMENT
12-1/4"	8-5/8" -New	24	5(00'	Ceme	nt to surface
7-7/8"	5-1/2" -New	17	82			equired
(7): No water an in the Gree bearing san the Wasatch Mesaverde f	tah Surfaten River 1100° atch 4600° ticipated; possen River from apple of the following the surface of the surface o	sible thin, no proximately in this area ermediate ove a total depth	Chapita We Uteland Bts Mesaverde on-commerce 1100' - 460 previously rall interviof 8230'. Intinued on or plug back, gladata on subsurface	ial oil book of ye data on pre e locations and	page sent produ measured	zones encountered in the zone and proposed new productive and true vertical depths. Give blowout
SIGNED Jame	. D. Hollin	nan) TITE		r of Oper		August 1, 1978
(This space for Fed	leral or State office use)			<u>r</u>		
APPROVED BY CONDITIONS OF APPRO	Daniel J. Y	lenguist TITL	ACTING E DISTRICT	ENGINEE	R	SEP 1 9 1978
	v	CONDITIONS TO O	OF APPROVI PERATOR'S	AL ATTA(CÓPY	CHED	e e e e e e e e e e e e e e e e e e e

*See Instructions On Reverse Side

State gra

NECESSARY FLARING OF GAS DURING DRILLING AND COMPLETION APPROVED SUBJECT TO ROYALTY (NTL-4)

16° 37

S 89º 26' W S 89° 40' W 40 . 19 40.65 80 1783 RIVER BEND UNIT Nº 11-21 E Elev. Ungraded Ground 5/88' 2508 79. 92 S 89º42'W

x = Section Corners Located

PROJECT

MAPCO INCORPORATED

Well location, RIVER BEND UNIT Nº //2/ E, located as shown in the NE I/4
SE I/4 Section 21, TIOS, R 19E, S.L.B.&M.
Uintah County, Utah.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR REGISTRATION Nº 3154 / STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
PO. BOX Q - 110 EAST - FIRST SOUTH
VERNAL, UTAH - 84078

SCALE " = 1000	5 / 25 / 78
PARTY M.S. SS. K.H. BFW	REFERENCES GLO Plat
WEATHER • Fair	FILE MAPCO INC.

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

or to a new reservoir, use this form with appropriate notations. Consult Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

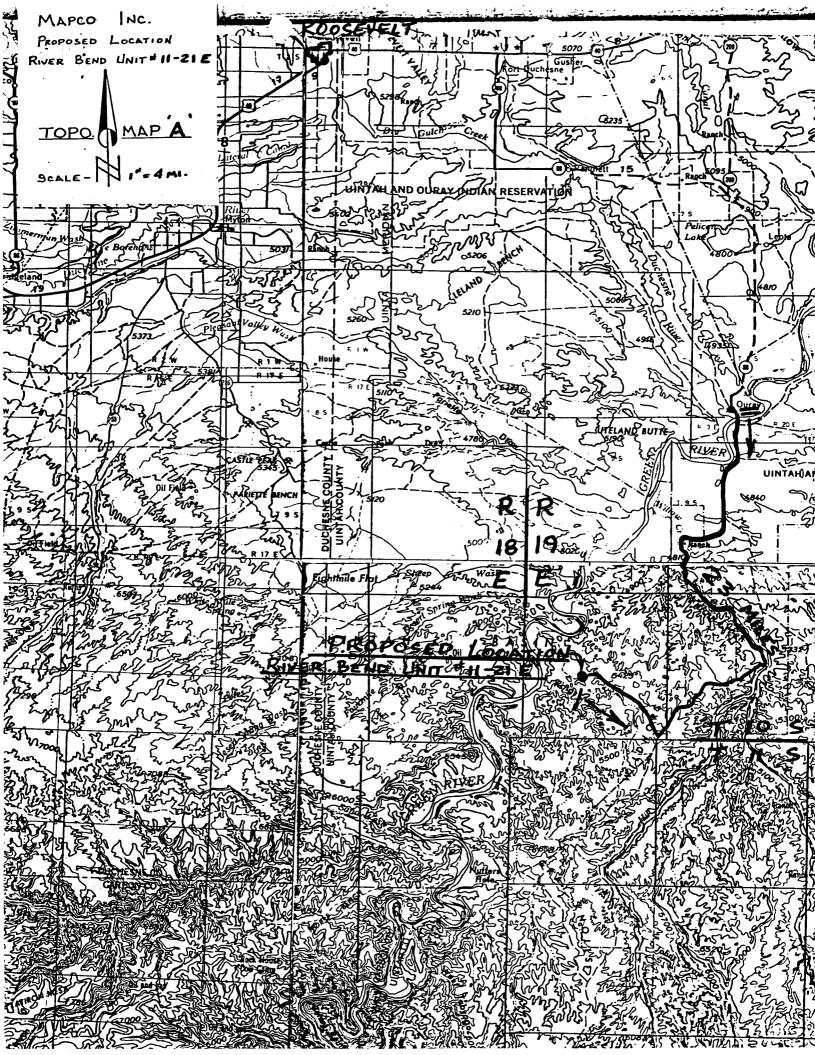
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- As noted in #(11), no abnormal pressures are anticipated nor is the area known for abnormal temperatures. The formations to be penetrated do not contain $H_2^{\,\mathrm{S}}$ gas. (13):
- (15): Auxiliary equipment: (a) Kelly cock
- Kelly is not Full opening valve on floor with DP connection for use when in string (e)
 - (c) Pit volume totalizer equipment will be used.

RIVER BEND UNIT NO -21E MAPCO PRODUCTION COMPANY COMPLETION REPORT ATTACHMENT

PERFORATION RECORD			ACID, SHOT, FRACTURE, CEMENT SQUEEZE
INTERVAL AND DEPTH	SIZE	NO.	AMOUNT AND KIND OF MATERIAL USED
8337, 8335, 8334, 8332, 8292, 8287, 8273, 8270, 8267, 8263, 8261, 8186, 8184, 8182, 8177, 8175, 8170. Mesaverde		17	1700 gal 15% HCl, 35 BBLS 2% KCl water, 5900 YF4G gelled H ₂ 0, 6200# 20-40 sand.
See Above Job #2			327 BBLS 2% KC1 water, 1600 gal 15% HCl, 10,000 gal WF-30 pre pad, 12,900 gal YF5PSD gelled water.
See Above Job #3			12,000 gal 7-1/2% HCl, 22 BBLS 2% KCl water, no frac.
5769, 5762, 5703, 5699, 5341, 5336, 4759, 4755. Chapita Wells, Wasatch		8	2400 gal MSR conversion, 10 gal A-200 Inhibitor, 57 BBLS 15% HCl, 109,914 gal gelled water, 197,000# 10-20 sand.



U.S. GEOLO LAL SURVEY, CONSERVATION DECISION

FROM: DISTRICT GEOLOGIST, SALT LAKE CITY, UTAH
TO: DISTRICT ENGINEER, SALT LAKE CITY, UTAH

Wel	1.	Location		Lease No.
IN	311.11-715	しかんてみん じゃい ローノー	FWL (NE + SW+) 19E, SLN! UTAH GF F/ 5188	
۱. ه	Stratigraphy and Pote Oil and Gas Horizons. nd . a a is an an and hisomerds.	of betajors	ice rocks are he is a perstar in go by the open	wita (tertions). the Wassell ator aggeor
	,	<i>C.</i>		
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	found in the	Parachete Cree	in shale wind to the the the shale will be as a least of the continuous sequential to the the total of the to	e men Rife
		\		
5.	Other Horizons Which Mud, Casing, or Cemer aquifers on	sting Programs	steet any free	h-/module
6.	Possible Abnormal Pro and Temperature Grad almand ere to be genet	ients.	tor does not peratures. The contain HS S go	anticepate formations
7.	Competency of Beds a Casing Setting Point	.	abequate.	
8.	Additional Logs or Sa	amples, Needed. 20(2)	hu sero mi ai ana pun service est sittle its je	ere Cachien
9.	References and Remark	e included of	radius of KGS.	be (for and the for
l .	لممة	work out some	· mage.	
Dat	e: 8/9/78		Signed: REG	

Jم_	1297-78

USUAL ENVIRONMENTAL ANALYSIS

Operator	Mapco, Inc.	Well Name & No. RBU 11-21E
Location	2,508 FSL &	I,783' FW L NW¼NE¼SW¼ sec. 21, T. 10 S., R. 19 E.,SLB&
County_	Uintah	_ State_ UtahLease No Utah 013766
Field	River Bend	Unit_River_Bend Well Type_Development
	Date Inspected_	August 14, 1978
	Inspector_	Lynn E. Rust
	Title	Environmental Scientist
	Prepared by	Lynn 5. Rest 8/24/78
		ientist, Casper, Wyoming
Other Ag	encies or Represen	tatives concurrence:
Steve El	lis, Bureau of Land	d Management Yes
•		
Major Fe	deral action under	NEPA No

The following participated in a joint inspection of the proposed wellsite and access road on August 14, 1978.

į	Name	Representing	<u>Title</u>	Stationed In
Lynn	Rust	USGS	Environmental Scientist	Casper, Wyoming
Steve	Ellis	BLM	Geologist	Vernal, Utah
Steve	Hale	Марсо	Construction Supervisor	Roosevelt, Utah

Proposed Action

On August 4, 1978, Mapco, Inc. filed an Application for Permit to Drill the No. RBU 11-21E development well, an 8,230-foot gas test of the Wasatch and Mesaverde formations of Cretaceous age; located at an elevation of 5,188 GL feet in the NW4NE4SW4 sec. 21, T. 10 S., R. 19 E., SLM, on Federal mineral lands and BLM surface; lease No. Utah 031766. There was no objection raised to the wellsite nor to the access road.

A rotary rig would be used for the drilling. An adequate casing and cementing program is proposed. Fresh-water sands and other mineral-bearing formtions would be protected. A blowout preventer would be used during the drilling of the well. The proposed pressure rating should be adequate. Details of the operator's NTL-6 10-Point Subsurface and 13-Point Surface Protection Plans are on file in the USGS District Office

in Salt lake City, Utah, and the USGS Northern Rocky Mountain Area Office in Casper, Wyoming. The drilling operation would begin when a rig became available after approval of the APD and would be expected to last 3 weeks to reach total depth and complete the well for production if hydrocarbons are discovered.

A working agreement has been reached with the Bureau of Land Management, the controlling surface agency. Rehabilitation plans would be decided upon as the well neared completion; the Surface Management Agency would be consulted for technical expertise on those arrangements. Written concurrence of the surface managing agency is attached.

Location and Natural Setting

The proposed drillsite is approximately 18 miles southwest of Ouray, Utah, the nearest town. The nearest dwellings are 18 miles southwest. A poor road runs to the location. This well is in the south central portion of the River Bend field, with the nearest producting well being one mile northeast.

The overall topography consists of rolling prarie formed by bentonite hills with sandstone outcrops. The location is relatively flat, lying between two low ridges. The east end of the location runs into the east ridge.

This broad flat area is called the "Wild Horse Bench."

The surface geology is Unita. The soil is a clay, somewhat sandy loam. No geologic hazards are known near the drillsite. Seismic risk for the area is minor. Anticipated geologic tops are filed with the 10-Point Subsurface Protection Plan. No mining of any sort is anticipated in the area. The land is used primarily for grazing. The climate is semi-arid with abundant sunshine, hot summers and cold winters with temperature variations on a daily and seasonal basis. The mean annual temperature of the area is 45° F. with extremes ranging from 105° F. to -20° F. The ground usually freezes to a depth of approximately one foot in the winter. This could lead to frost heaving and spring thaw problems with the facilities. Annual precipitation is 8 to 10 inches. Winds are medium and steady, occurring predominately from west to east. Air mass inversions are rare.

The area eventually drains into the Green River. The nearest permanent water is river one mile to the west. The nearest intermittent water is a drainage one-fourth mile northwest. There are no water wells in the general area. The depths of fresh-water formations are listed in the 10-Point Subsurface Protection Plan.

Vegetation consists of sagebrush, prickly pear cactus, horse brush, rabbit brush, and blue gramma grass. Mammalian wildlife in the area include antelope, deer, fox, coyote, rabbit, ground squirrels, small gophers, and

mice. There are numerous prairie and mountain birds in the general area, including the following: Birds of prey such as owls, occasional Bald and Golden eagles, and various types of hawks and falcons. Snakes and small lizards are also present on a seasonal basis.

There are no known endangered or threatened plant species in the area. The following endangered animal species may be in the general area:

American Bald Eagle. There are no known threatened animal species in the area.

An archaeologist, Steve Hayes, inspected the originally proposed site on the other side of the road (which is in a roadless area). BLM has waived an archaeological inspection for this site. There are no known historical, cultural or archaeological sites in the area.

There are no national parks, forests, wildlife refuges or ranges, grasslands, monuments, trails or other formally designated recreational facilities near the proposed location.

There are no state or local parks, forests, wildlife refuges or ranges, grasslands, monuments, trails, or other formally designated recreational facilities near the proposed location.

The proposed location is within the Hill Creek Planning Unit. This Environmental Assessment Record was compiled by the Bureau of Land Management, the surface managing agency of the Federal surface in the area. The study includes additional information on the environmental impact of oil and gas operations in this area and gives land use recommendations. The EAR is on file in the agency's State offices and is incorporated herein by reference.

Effects on the Environment by the Proposed Action

The wellpad would disturb approximately 2.3 acres. An estimated 16-foot cut and 1-foot fill would be necessary to level the pad area. The vegetation would be removed and minor relocation of wildlife in the immediate area, particularly small rodents, would be anticipated. If the test well results in a discovery of a gas pool, additional facilities would be needed requiring no additional surface. Construction of flowlines would disturb long, narrow strips of the surface for a short period of time.

The mud and reserve pits would contain all fluids used during the drilling operations. The potential for fluid spills, gas leaks, and related accidents would be present. Should a spill occur, prompt action should prevent any permanent erosive damages. Should a gas leak occur, the

effect on the atmosphere would be extremely short-lived. If the well should be productive, precautions would be taken against such accidents.

Toxic or noxious gases would not be anticipated.

Some additional erosion would be expected in the area since surface vegetation would be removed. If erosion became serious, drainage systems such as water bars and dikes would be installed to minimize the problem. There would be no tangible effect on water migration in freshwater aquifers. The pits would be unlined. If fresh water should be available from the well, the owner or surface agency may request completion as a water well.

Waterways would not be affected directly due to their distance from the site, about one mile west.

Noise levels would be moderately high during drilling and completion operations. Upon completion, noise levels would be infrequent and significantly less. If the area is abandoned, noise levels should return to predrilling levels.

Relatively heavy traffic would be anticipated during the drilling operations phase, increasing dust levels and exhaust pollutants in the area. If the well was to be completed for production, traffic would be reduced substantially to a maintenance schedule with a corresponding decrease of

dust levels and exhaust pollutants to minor levels. If the project results in a dry hole, all operations and impact from vehicular traffic would cease after abandonment. Due to the limited number of service vehicles and limited time span of their operation, the air quality would not be substantially reduced.

A trash pit would be utilized for any solid wastes generated at the site and would be hauled away to an acceptable sanitary land fill at the completion of the operations. Sewage would be handled according to State sanitary codes. For further information, see the 13-Point Surface Plan.

The animals and vegetation of the area would be disturbed for the life of the project. If the project was to produce hydrocarbons, adjustments in habitat occupancy would be expected. At abandonment, normal rehabilitation of the area such as contouring, reseeding, etc., would be undertaken with an eventual return to the present status as outlined in the 13-Point Surface Plan.

The site is not visible from any major roads; it is quite remote. After drilling operations, completion equipment would be visible to inhabitants of the area but would not present a major intrustion. The site would blend into the long-vista viewpoint.

Should the wellsite be abandoned, surface rehabilitation would be done according to the surface agency's agency's requirements and to USGS's satisfaction. This would involve leveling, contouring, reseeding, etc., of the location and possibly the access road. If the well should produce hydrocarbons, measures would be undertaken to protect wildlife and domestic stock from the production equipment. The antiticpated traffic would have a minimal impact on ranch traffic and vehiclular safety problems. Normal precautions would be employed to prevent damage or injury to ranch property and personnel. Aside from recreational activities such as hunting, the only other human conflicts that would arise in normal usage of the area would be the gas operations. These would be minor, with planned precautions to limit such conflict.

The economic and environmental impact of a single well is normally somewhat negligible, but should this well discover a significant new hydrocarbon source, local, state, and possibly national economics might be improved. In this instance, other development wells would be anticipated, with substantially greater environmental and economic impacts.

Alternatives to the Proposed Action

•

1. Under leasing provisions, the Geological Survey has an obligation to allow mineral development <u>if</u> the environmental consequences are not too

severe or irreversible. Upon rehabilitation of the site, the environmental effects of this action would be substantially mitigated, if not totally annulled. Permanent damage to the surface and subsurface would be prevented as much as possible under USGS and BLM supervision with rehabilitation planning reversing almost all effects. Additionally, the growing scarcity of gas should be taken into consideration. Therefore, the alternative of not proceeding with the proposed action at this time is rejected.

2. Minor relocation of the wellsite and access road or any special, restrictive stipulations or modifications to the proposed program would not significantly reduce the environmental impact. There are no severe vegetative, animal, or archaeological-historical-cultural conflicts at the site. Since only a minor impact on the environment would be expected, the alternative of moving the location is rejected.

Adverse Environmental Effects Which Cannot Be Avoided

Surface scars resulting from construction work, wellpad, and the access road would be visible for the life of the project and for a period of time after abandonment while rehabilitation is completed. The disturbed areas would not be available for grazing purposes during the project's lifetime. Minor relocation of wildlife, notably small rodents, in the

immediate area would be anticipated. Any improvement of existing roads would be a semi-permanent effect as ranch traffic would continue to utilize the access road. Some erosion would be anticipated with the removal of vegetative cover. Dust levels and exhaust pollutants would increase somewhat during the construction and drilling phases of the operation. Traffic hazards with ranch vehicles, though low, would be present. Noise levels would increase during construction and drilling. The potential for fluid spills, gas leaks, and related accidents would be present. If hydrocarbons are discovered and produced, further das development of the area would be expected to occur which would result in the extraction of an irreplaceable resource, and further negative environmental impacts.

Determination

This requested action does not constitute a major Federal Action significantly affecting the environment in the sense of NEPA, Section 102(2)(c).

District Enginéer Salt Lake City, Utah

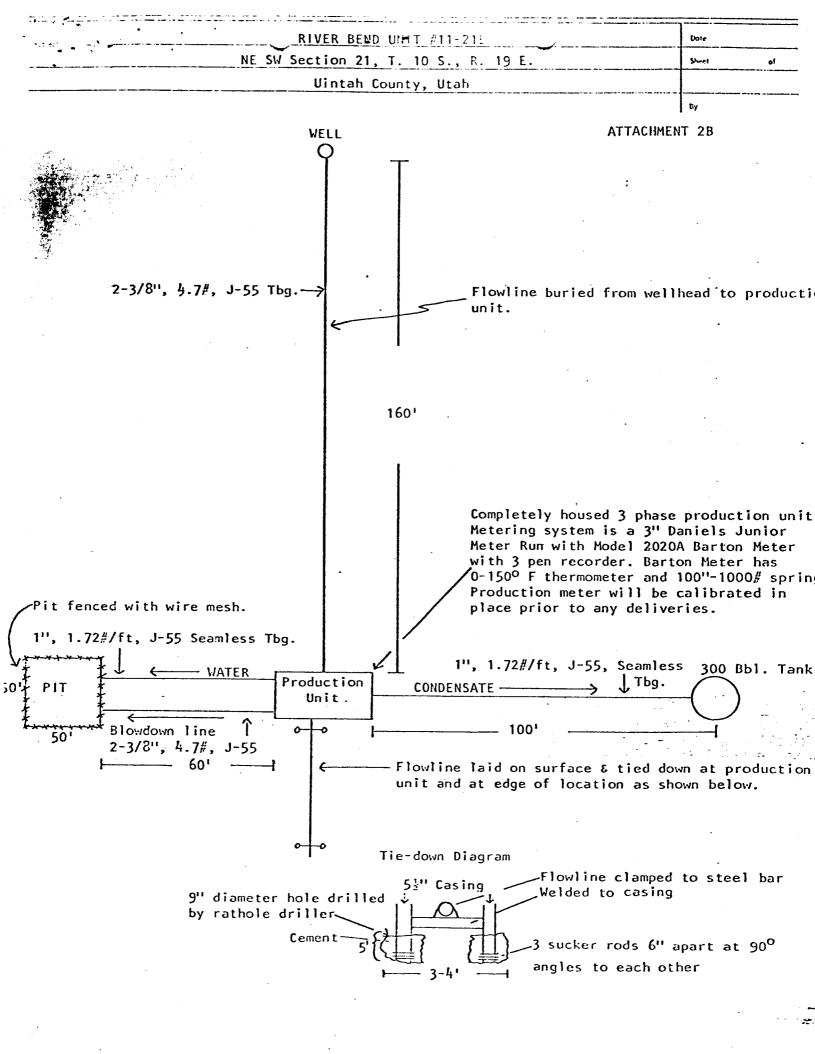


8/14/78 NW NE SW SEC. 21 TIOS RIPE Lease " U-01 276 6 EA - 1297-78 SLB+M Mapco Inc. Well "RBU - 11-21 E River Band Field De Looking SE 2R



8/14/78 NW NESW Sec 21 TIOS RIPE Lease # 4-013766 SLB+M Mapco Inc. Well RB4-11-21E River Band Field EA 1297-79 LR Looking NW

Form 9-331 (May \$864)	J ED STATES	SUBMIT-IN-TRII ATE	buuget bure	au No. 42-R1424.
DEPARTM	5. LEASE DESIGNATION AND SERIAL NO.			
G	U-013766 6. IF INDIAN, ALLOTTE	E OR TRIBE NAME		
SUNDRY NOTION (Do not use this form for proposa Use "AFPLICA"	CES AND REPORTS Is to drill or to deepen or plus TION FOR PERMIT—" for such	ON WELLS g back to a different reservoir. h proposals.)	o. Ir indian, addorra	
1,	·····		7. UNIT AGREEMENT N.	AME
WE'L GAS WELL OTHER			River Bend	
2. NAME OF OPERATOR			8. FARM OR LEASE NA	ME
	ODUCTION COMPANY			
	O, Plaza West,		9. WELL NO.	
4. LOCATION OF WELL (Report location cle	. D., Billings, MT	59102	RBU 11-21E	R WILDCAT
See also space 17 below.) At surface	any and in accordance when a	out requirements.		
	on 21 2508' FSL	ε 1783' FWL	River Bend .11. sec., T., R., M., OR SURVEY OR ARE, Section 21	BLK, AND
			T. 10 S., R	. 19 E.
14. PERMIT NO.	15. ELEVATIONS (Show whether	• • •	1	1
43-047-30483	5188' Ungra	ided GL	Uintah	Utah
16. Check App	propriate Box To Indicate	Nature of Notice, Report, or G	Other Data	
NOTICE OF INTENT	TON TO:	SUBSEQ	QUENT REPORT OF:	
TEST WATER SHUT-OFF	CLL OR ALTER CASING	WATER SHUT-OFF	REPAIRING	WELL
FRACTURE TREAT	ULTIPLE COMPLETE	FRACTURE TREATMENT	ALTERING C	ASING
SHOOT OR ACIDIZE	BANDON*	SHOOTING OR ACIDIZING	ABANDONME	NT*
REPAIR WELL C	HANGE PLANS	(Other)		
(Other) Lay Flow	wline X	(NOTE: Report result	s of multiple completion pletion Report and Log for	on Well. orm.)
see attached cover le	etter to E. W. Guy	tachment #1. For deta onn dated March 2, 1979 orface installations is	 The relation 	nship
			NOT 1277 2	
		(o	MAR SENT	
			GAS & 1970	
		\8	0 My	
	•			
			191118	•
18. I hereby certify that the foregoing is	true and correct	Duadantias and Danser		
the following is) 6 22 224	Production and Reserv	Marc	h 2 1070
SIGNED TO THE STATE OF THE STAT	TITLE	Engineer	DATE MATC	h 2, 1979
(This space for Federal or State offic	e use)			



Form 9-331 (May 1963)

SIGNED

(This trece for Federal of State office use)

APPROVED BY _______ CONDITIONS OF APPROVAL, IF ANY:

DEPARTMENT OF THE INTERIOR (Other instructions on reverse sige)

Form approved.
Budget Bureau No. 42-R1424.
5. LEASE DESIGNATION AND SERIAL NO.
U-013766

DATE _

	G	EOLOGICAI	_ SURVEY	- L	0 10 1	0 013700
SUN (Do not use this	DRY NOTI	CES AND	REPORTS O	N WELLS ck to n different r posals.)	eservoir.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
•						7· #ነ፞፞፞፞፞፞፟፟፟፟፟፟ #ነ፟፟፟፟፟፟፟፟፟፟፟ #ነ፟ቸ6305
OIL GAS WELL	OTHER					
NAME OF OPERATOR						River Bend Unit 8. FARM OR LEASE NAME
•	MAPCO I	ncorporat	ed			
. ADDRESS OF OPERATOR		20, Plaza				9. WELL NO.
. Abbando de desarro			llings, MT	59102		RBU 11-21E
LOCATION OF WELL (155/ AV	e. D., Di	cordance with any S		•	10. FIELD AND POOL, OR WILDCAT
See also space 17 bel	ow.)	diriy dina in acc			•	
At surface		47001 51	••			River Bend 11. SEC., T., R., M., OR BLK. AND
	508' FSL ε		/L			SURVEY OR AREA
S	E SW Secti	on 21				Section 21
						T 10 S., R. 19 E. 12. COUNTY OR PARISH 13. STATE
4. PERMIT NO.		1	s (Show whether DF,			
43-047-3048	3	518	88' Ungraded	GL		Uintah Utah
6.		proprieto Ro	x To Indicate No	atura of Notice	Report or C	Other Data
*	•	• • •	i io maicare 140	and of Addice		UENT REPORT OF:
	NOTICE OF INTENT	HON TO:	<u></u>		201324	
TEST WATER SHUT-	FF P	ULL OR ALTER	CASING	WATER SHU	T-OFF	REPAIRING WELL
FRACTURE TREAT	د اا	ULTIPLE COMPI	ETE	FRACTURE T	REATMENT	ALTERING CASING
SHOOT OR ACIDIZE	^	BANDON*		SHOOTING O	R ACIDIZING	ABANDONMENT*
REPAIR WELL	c	HANGE PLANS	X	(Other)		
(Other)				(NOTE Comp	: Report results letion or Recomp	of multiple completion on Well letion Report and Log form.)
Change of casi	ng program	ı:				
SIZE OF HOLE	SIZE OF C	ASING V	VEIGHT PER F	OOT SETT	ING DEPTH	QUANTITY OF CEMENT
(1) 17-1/2"	13-3/8		48		120'	Cement to surface.
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	8-5/8	l Now	24		32501	Cement to surface.
i i	· 5-1/2 ¹		17		8500'	As required.
(3) 7-7/8''	. 5-1/2.	. New	1/		0500	As required.
	^ ^			,		
18. I hereby certify tha	t the foreging h	true and corr	ect Res	ervoir and	Production	on
SIGNED ON	woldl_	Jenne	TITLE Eng			DATE January 30, 197
				,		

Form 9-331 (May 1963)

U TED STATES SUBMIT IN TRY (Other Instruction on re-

Form approved.
Budget Bureau No. 42-R1424.
5. LEASE DESIGNATION AND SERIAL NO.

	U-013766		
SUNDRY NOT (Do not use this form for proporting "APPLICA")	6. IF INDIAN, ALLOTTEE OR TRIBE NAME		
1.	7. UNIT AGREEMENT NAME		
OIL GAS X OTHER			River Bend Unit
2. NAME OF OPERATOR			8. FARM OR LEASE NAME
MAPCO	PRODUCTION COMPANY		
	320, Plaza West		9. WELL NO.
4. LOCATION OF WELL (Report location of	Ave. D., Billings, M7	Г 59102	RBU 11-21E
4. LOCATION OF WELL (Report location of See also space 17 below.)	learly and in accordance with any	State requirements.*	10. FIELD AND POOL, OR WILDCAT
At surface			River Bend
NE SW Section	1 21 2508' FSL & 17	783' FWL	11. SEC., T., R., M., OR BLK. AND SURVEY OR ABEA Section 21
			T. 10 S., R. 19 E. 12. COUNTY OR PARISH 13. STATE
14. PERMIT NO.	15. ELEVATIONS (Show whether D	F, RT, GR, etc.)	12. COUNTY OR PARISH 13. STATE
43-047-30483	5188' Ungraded	d GL	Uintah Utah
	ppropriate Box To Indicate I	Nature of Notice, Report, or (Other Data
NOTICE OF INTE	• •		UENT REPORT OF:
	PULL OR ALTER CASING	WATER SHUT-OFF	REPAIRING WELL
FRACTURE TREAT	MULTIPLE COMPLETE	FRACTURE TREATMENT	ALTERING CASING
SHOOT OR ACIDIZE	ABANDON*	SHOOTING OR ACIDIZING	ABANDONMENT*
REPAIR WELL	CHANGE PLANS	(Other)	
(Other) ORIGINAL COMPLI	ETION	(Note: Report result	s of multiple completion on Well pletion Report and Log form.)
17. DESCRIBE PROPOSED OR COMPLETED OP proposed work. If well is directi nent to this work.)*	ERATIONS (Clearly state all pertine ionally drilled, give subsurface locally	nt details, and give pertinent dates ations and measured and true verti	s, including estimated date of starting any cal depths for all markers and zones perti-
10000 psig test). 2. Perforate Mesaverdo 3. RIH with 2-3/8" tul 4. RD and release work 5. RU treating company 6. Breakdown perfs wi 7. Frac Mesaverde per Maximum anticipate 8. Flow well to pit to	BOP's to be operated a sands from 7654' - bing to 3000'±. Inskover unit. y and pressure test th 2000 gals of 7-1/5 with 70000 gals od treating pressure to clean up frac fluit	d daily. 8409' with 20± holes tall wellhead. surface lines to 7000 2% Hcl and ball seale f gelled water and 10 6000 psig. d. nit with Barton Meter APPROVED BY OHL, GAS, AND	psig. rs. 00000#s of 20/40 sand. THE DIVISION OF MINING
18. I hereby certify that the foregoing	is true and correct		
signed fames	' \	egional Engineer	DATE _April 17, 1979
(This space for Federal or State of	fice use)		
APPROVED BY	ANY:		DATE

May 1263)	· _	ITED STATES	SUBMIT IN TI ICATE on re-	Budget Burea	u No. 42-R1424.
(May 1293)	DEPARTM	TENT OF THE INTER	IOR verse side)	5. LEASE DESIGNATION	AND SERIAL NO.
	G	EOLOGICAL SURVEY		U-013766	
	CULIDRY MOTI	CES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE	OR TRIBE NAME
(5)	SUNDRY NOT	als to drill or to deepen or plug	back to a different reservoir.		
(1)0	Use "APPLICA"	als to drill or to deepen or plug TION FOR PERMIT—" for such p	oroposals,)	7. UNIT AGREEMENT NA	ME
ī			•	1	
WELL [GAS OTHER			River Bend U	Jnit
2. NAME OF				o. Farst on Bisson sans	
		RODUCTION COMPANY		9. WELL NO.	
3. ADDRESS	OF OPERATOR Suite 32	20, Plaza West,	50102	1	
	1537 Ave	e. D., Billings, MT learly and in accordance with any	59102	RBU 11-21E	R WILDCAT
See also	space 17 below.)	learly and in accordance with an	, but requirements	Divor Bond	
At surfa		ion 21 2508' FSL 8	17821 FM	River Bend	BLK. AND
	NE SV Secti	ion 21 2500 FSL 6	, 1705 1 112	Section 21	
				T. 10 S., R	. 19 E.
14. PERMIT	NO.	1 15. ELEVATIONS (Show whether I	or, RT, GR, etc.)	12. COUNTY OR PARISE	
		5188' Ungrad		Uintah	Utah
43-	-047-30483			01 0	
16.	Check Ap	ppropriate Box To Indicate	Nature of Notice, Report, or (•
	NOTICE OF INTEN	STION TO:	BUBSEQ	UENT REPORT OF:	
		PULL OR ALTER CASING	WATER SHUT-OFF	REPAIRING	WELL
		MULTIPLE COMPLETE	FRACTURE TREATMENT	ALTERING C	ASING
		ABANDON*	SHOOTING OR ACIDIZING	ABANDONME	NT*
REPAIR		CHANGE PLANS	(Other)		
(Other	WASATCH COMPI	LETION	Completion or Recomp	s of multiple completion pletion Report and Log fo	Irm.)
Drope	E PROPOSED OR COMPLETED OPE osed work. If well is direction to this work.) •	ERATIONS (Clearly state all pertinonally drilled, give subsurface lo	ent details, and give pertinent dates nations and measured and true vertic	cal depths for all marker	s and zones perti-
JOB :	#1				
ESTI	MATED STARTING DA	TE: July 5, 1979		11:4500	DOD La
1.	MIRU workover uni	t. Kill well with	2% Kcl water and insta	all 1500 series	DUP S
	(6" - 5000 psig w	orking pressure, 10	,000 psig test). BOP	's to be operat	eq daliy.
2.	P00H with 2-3/8"	tubing.			
3.	RIH and set BP at	7600'±.		d Buttos from 7	200-64921
4.	Perforate the fol	lowing intervals of	the Wasatch: Uteland	a bulles from /	ner
,	with 19 holes; C	hapita Wells from 5	782-5342' with 14 hold	ss, and the op	PCI
	Wasatch from 4788	-4762' with 7 holes		and release WO	unit
5.	RIH with 2-/38" t	ubing to 3000'.	nstall wellhead. RD a	nn + nsia	unit.
6.	RU treating compa	iny and pressure tes	t surface lines to 700	gelled water ar	d 285 000#1
7.	Treat Wasatch per	fs from /200-4/62.	with 190,000 gals of	nnt neig	14 20),000//
•	of 10/20 & 20/40.	reating pressure	anticipated to be 55	00- ps.g.	-
8.	Flow well to pit	to clean up frac fl	uru. it with Barton Met	er.	
9.	Test well through		unit with Barton Met	C1 •	
		A DOROVED B	Y THE DIVISION OF		. -
		OIL, GAS, A	ND MINING		
(Cont	inued.)	OIL, GAS, A	IND MILLION		•
		DATE:			ļ.
	1	γ	101.001111.		
1S. I here	by certify that the foregoing	\	· NUMBER		7 1070
SIGNE	ofamos.	Jensee TITLE_	Regional Engineer	DATE May	/, 19/9
(This	space for Federal or State of	mce use)			

Sundry Notices and Reports on Wells River Bend Unit 11-21E Lease U-013766 Page 2

JOB #2

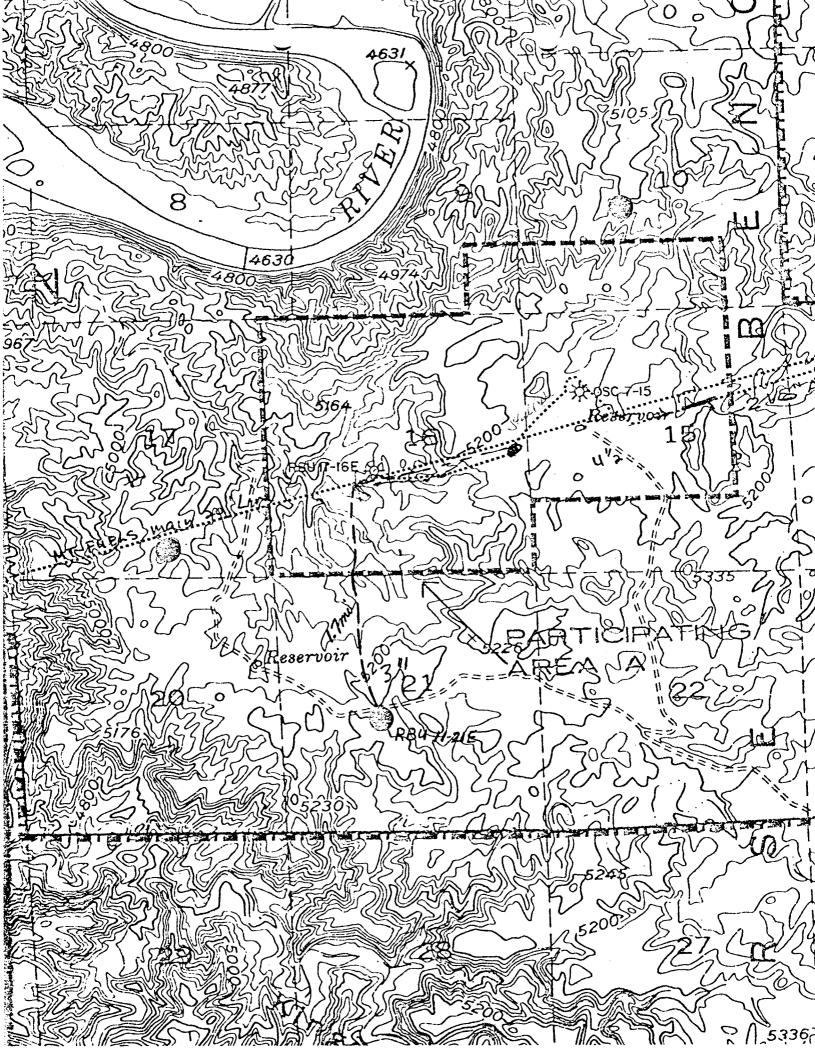
ESTIMATED STARTING DATE:

MIRU workover unit. Kill well with 2% Kcl water and install 1500 series BOP's (6"-5000 psig working pressure, 10,000 psig test). BOP's to be operated daily.

2.

- POOH with 2-3/8" tubing.
 RIH to 7600'±, mill up BP, clean out well to TD, POOH.
 RIH with 2-3/8" to 4500'±. Install wellhead. Release workover unit.
- Return well to production.

Form 9-331 (May 1963)		INITED STAT		SUBMIT IN TRIP (Other instruction Verse side)	LICATE*	Form a Budget 5. LEASE DESIGN.	pproved. Bureau N ATION AND	
from .		LOGICAL SU			-	U-013	766	
	UNDRY NOTION THIS form for propose Use "APPLICA"			ON WELLS ack to a different reserve	ılr.	6. IF INDIAN, ALI	<u> </u>	TEIBE NAME
1.					l.	7. UNIT AGREEME	NT NAME	
went Gy	SILL OTHER				1	River Be	nd Uni	t
2. NAME OF OPERAT						8. FARM OR LEAS		
3. ADDRESS OF OPE		ODUCTION COM				9. WELL NO.		
5. ADORESS OF OFE	_	O, Plaza Wes . D., Billin	-	59102	1		4-	
4. LOCATION OF WEI	.t. (Report location cle	arly and in accordan	ice with any	State requirements.		RBU 11-2		I.DCAT
See also space 1' At surface	·	on 21 2508	' FSL ε	1783' FWL		River Be	., OR BLK.	AND
					İ	Section		
14. PERMIT NO.		15. ELEVATIONS (Sho	w whether DF,	RT, GR, etc.)		T. 10 S. 12. COUNTY OR P		
43-047-	30483	51881	Ungrade	ed GL		Uintah	ł	Utah
16.				ature of Notice, Rep				
			inaicais 14	ainis of Hotics, Keb	•			
	NOTICE OF INTENT	ION TO:			SUBSEQUE	NT REPORT OF:		
TEST WATER SH	[]	TLL OR ALTER CASING	'	WATER SHUT-OFF			RING WELL	
FRACTURE TREAS	<u> </u> [CLTIPLE COMPLETE		FRACTURE TREATMI			ING CASING ONMENT*	·
REPAIR WELL	[]	HANGE PLANS		(Other) Lay	· · · · · · · · · · · · · · · · · · ·		ONMENT	XX
(Other)				(Norz: Repo	rt results o	f multiple complion Report and L	etion on W	ell
17. DESCRIBE PROPOS	ED OR COMPLETED OPER	ATIONS (Clearly state	all pertinent	t details, and give pertin- ions and measured and to	ent dates, i	eluding estimate	d date of	starting any
				red on the atta SW/4 of Sec. 1		0 S., R. 1	9 E.	
							•	
•								
	1							
	•							
18. I hereby certify	that the foregoing is	true and correct						
SIGNED R	hard Baus	mann ,	ritte Ena	ineering Techni	cian	DATE	8-1 - 79	
/7512	Vadaval Ca-ta-C							
(Anis space for	Federal or State office	: use)						
APPROVED BY CONDITIONS O	F APPROVAL, IF AN		1'LE			DATE		



SCOTT M. MATHESON
Governor

GORDON E. HARMSTON

Executive Director,

NATURAL RESOURCES

CLEON B. FEIGHT

Director



OIL, GAS, AND MINING BOARD

CHARLES R. HENDERSON Chairman

JOHN L. BELL
C. RAY JUVELIN
THADIS W. BOX
CONSTANCE K. LUNDBERG
EDWARD T. BECK
E. STEELE McINTYRE

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS, AND MINING
1588 West North Temple
Salt Lake City, Utah 84116
(801) 533-5771

December 28, 1979

Mapco Inc.
Suite #320 Plaza West
1537 Ave. D
Billings, Montana 59102

RE: SEE ATTACHED SHEET FOR WELLS.

Gentlemen:

This letter is to advise you that the Well Completion or Recompletion Report and Log for the above referred to well is due and has not been filed with this office as required by our rules and regulations.

Please complete the enclosed Form OGC-3, in duplicate, and forward them to this office as soon as possible.

Thank you for your cooperation relative to the above.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

DEBBIE BEAUREGARD CLERK-TYPIST

- 1) River Bend Unit# 11-10E
 Sec. 10, T. 10S, R. 19E,
 Uintah County, Utah
- 2) River Bend Unit# 11-14E Sec. 14, T. 10S, R. 19E, Uintah County, Utah
- 3) River Bend Unit# 11-21E Sec. 21, T. 10S, R. 19E, Uintah County, Utah
- 4) River Bend Unit# 11-23E Sec. 23, T. 10S, R. 19E, Uintah County, Utah
- 5) River Bend Unit# 11-36B Sec. 36, T. 9S, R. 19E, Uintah County, Utah

SCOTT M. MATHESON Governor

OIL, GAS, AND MINING BOARD

CHARLES R. HENDERSON
Chairman

JOHN L. BELL
C. RAY JUVELIN
THADIS W. BOX
CONSTANCE K. LUNDBERG
EDWARD T. BECK
E. STEELE McINTYRE

GORDON E. HARMSTON

Executive Director,

NATURAL RESOURCES

CLEON B. FEIGHT

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS, AND MINING 1588 West North Temple Salt Lake City, Utah 84116 (801) 533-5771 March 14, 1980

Mapco Production 1643 Lewis Ave. Suite 202 Billings, Montana 59102

> Re: Well No. River Bend Unit 11-21E. Sec. 21, T. 10S, R. 19E. Uintah County, Utah

> > Well No. River Bend Unit 11-36B Sec. 36, T. 9S, R. 19E. Uintah County, Utah

Gentlemen:

This letter is to advise you that the Well Completion or Recompletion Report and Log for the above mentioned wells is due and has not been filed with this office as required by our rules and regulations.

Please complete the enclosed Form OGC-3, in duplicate, and forward them to this office as soon as possible.

Thank you for your cooperation relative to the above.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

Janual Idual

JANICE TABISH CLERK-TYPIST

SUBMIT IN DUPLI 111

19

• •							_	(Sezzier	rin-	Budge	t Bureau No. 42-R355.5.
V	DEPART					ERIOF	₹	structions reverse si	on	DESIGNA	TION AND SERIAL NO.
r	(GEOLO	GICAL	. SUF	RVEY				· · · · · · · · · · · · · · · · · · ·	13766	
WELL CO	MPLETION	OR DE	CONA	DI ETI	7NI D	EDODT	A NID	106*	G TH TH		OTTEE OR TRIBE NAME
1a. TYPE OF WEL				LEIK	OIA W	EFORT A	AINL	LOG		• 1	
	WEI	.г 📙 г	AS X	DR	* L	Other			- 7. UNT	AGREE BE	ก็ส ้าปีก็i t
b. TYPE OF COM	WORK DEE	P- [] 1	PLUG [DIFF.	ļ						01-16305 E NAME
WELL [A	OVER L EN		BACK D	DIFF. RESVI		Other			S. FARM	OR LEAS	E NAME
2. NAME OF OPERAT	171/	APCO PE		-	_			;	9. WELL	NO.	· · · · · · · · · · · · · · · · · · ·
3. ADDRESS OF OPE		<u>lpine E</u>									
		643 Lew					-			-21E	OL, OR WILDCAT
4. LOCATION OF WEI	LL (Report location	n clearly a	nd in acco	ordance	<u>∟</u> with an <u>ı</u>	State requir	ements) •		ver Be	
A A	08' FSL &				-4				11. SEC.	, T., R., M.	OR BLOCK AND SURVEY
	erval reported be		NL, 111	L JN	Jec.	<u>~ 1</u>			OR A		T. 10 S., R.
	Same	·- ··			٠,٠,٠.	•				·• Li	,
At total depth	Same		_		<u> </u>					<u> 44 j</u>	
			Ī	14. PER	MIT NO.		DATE IS	SSUED	12. COUR		13. STATE
15				43-0	47 -30			-13-78		<u>ntah</u>	Utah
15. DATE SPUDDED	16. DATE T.D. R	- 1		•		prod.) 18.			KB, RT, GR, ETC	' ·	ELEV. CASINGHEAD
2-15-79 20. TOTAL DEPTH, MD	4-5-79			1-15-				188' Ung	raded G.I		t i i i i i i i i i i i i i i i i i i i
	ac IVD 21. PLU	G, BACK T.D.		22.	HOW M	TIPLE COMPL.,	' l	DRILLED	BY	4 4 5	CABLE TOOLS
8402 1 24. PRODUCING INTER	VAL(S). OF THIS	ECMPLETIO	N-TOP R	OTTOM N	NAME (M	B AND TVD)*		`	Rota		25. WAS DIRECTIONAL
5769' - 4753'											SURVEY MADE
	Wasatch a		Fild We	E115	g dit	****	. 2				No
8170'-8337' 26. type electric a	ND OTHER LOGS	RUN				· · · · · · · · · · · · · · · · · · ·	F 1 2 4			27.	WAS WELL CORED
	aterolog,		sic. C	omn N	eutro	n Loa. F	FDC		1) (Aug. 1)		No
23.	<u> </u>	5110 501				ort all strings		well)	- 1.		
CASING SIZE	WEIGHT, LB./	FT. DE	PTH SET	(MD)	ног	E SIZE		CEMENT	ING RECORD	· .	AMOUNT PULLED
13-3/8"	48# K-	55	142	1	<u>1</u> 7-	1/2"	12	25 sacks		v	
8-5/8"	24# K-		3110		±1-	1/4"		200 sack		-	
5-1/2"	17# N-	80 0'	-2362								the stage of the
Continued							<u> </u>	·			
29.		LINER RE		: .				30.	TUBING F		<u> </u>
SIZE	TOP (MD)	воттом (MD) SA	CKS CE	MENT*	SCREEN (MI	D)	SIZE	DEPTH SET		PACKER SET (MD)
			_	····			_	2-3/8"	826	9'	None
31. PERFORATION REC	ORD (Interval. si	ze and nun	iber)	· · · · · · · · · · · · · · · · · · ·	1		1	D GHOW PP	A COTTUDE A COST	Table of	TERRE PAGE
	,	<i>-</i>	•			32. DEPTH INT			ACTURE, CEM		
					÷:.	DELTH INT			AMOUNT AND	AIND OF	MATERIAL USED
SEE ATTACH	MFNT									- <u></u>	
JEE ATTAON									•	-	<u> </u>
·							:			:	
33.*						UCTION	·				
DATE FIRST PRODUCT	ION PROD	CTION MET	HOD (Floa	wing, gai	lift, pu	mping—size	and typ	pe of pump)	W	ELL STAT shut-in)	us (Producing or
11-15-79	·							-			SI
DATE OF TEST	HOURS TESTED	CHOK	SIZE	PROD'N. TEST P		OIL-BBL.	- 1	GAS-MCF.	WATER	-BBL.	GAS-OIL RATIO
O TEST	l gaster =====				→				1212	CR	TV -
FLOW. TUBING PRESS.	CASING PRESSUR		LATED UR RATE	OIL—BI	BL.	GAS	MCF.	WAS	rer—Hi		- 1 (1 () () () ()
34. disposition of g	AS (Sold used for	fuel mant-					 			DD 1	9-1000
. Discostitua of G	as (note, used for	juci, venie				-		-	TEST M	F:PSED	חסבו ב
35. LIST OF ATTACH	MENTS	· · ·						·	1	· · · ·	-
								•		DIVISIO	ON OF
36. I hereby certify	that the foregoin	g and atta	ched info	rmation	is comp	ete and corre	ect as	determined f	Ć.		MINING
)									
SIGNED TIC	chard F	allim	ann	∪ TIT	LE E	<u>ngineeri</u>	ng T	echnici	an D	ATE 4	-16-80

NSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed pirior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments

If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State lems 22 and 24. If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.) item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. should be listed on this form, see item 35. or Federal office for specific instructions.

	d	TRUE VERT. DEPTH				
GEOLOGIC MARKERS	TOP	MEAS. DEPTH		4578' 5293' 6348' 7654'	84091	
38. GEOLOG	52.72	THE PARTY.	- 19 - 1	Wasatch Chapita Wells Uteland Buttes Mesaverde	T.D.	
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DELTH INTERVAL TESTED, CUBHION USED, TIME TOOL OPEN, PLOWING AND SHUT-IN PRESSURES, AND RECOVERIES	DESCRIPTION, CONTENTS, ETC.		CASING RECORD CONTINUED FROM FRONT:	5-1/2" 17# K-55 2362'-4358' 5-1/2" 15.5# K-55 4358'-6898' 5-1/2" 17# K-55 6898'-8402'	Cemented with 2354 sacks total	Action of the control
OSITY AND CONTENT SED, TIME TOOL OP	BOTTOM			1		
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF DELTH INTERVAL TESTED, CUBHION USED, TIME TOOL OFEN, FLOWIN	TOP				· · · · · · · · · · · · · · · · · · ·	
SHOW ALL IMPORTANT ZONES OF	FORMATION					

RIVER BEND UNIT NO -21E MARCO PRODUCTION COMPANY COMPLETION REPORT ATTACHMENT

			· · · · · · · · · · · · · · · · · · ·
PERFORATION RECORD			ACID, SHOT, FRACTURE, CEMENT SQUEEZE
INTERVAL AND DEPTH	SIZE	NO.	AMOUNT AND KIND OF MATERIAL USED
8337, 8335, 8334, 8332, 8292, 8287, 8273, 8270, 8267, 8263, 8261, 8186, 8184, 8182, 8177, 8175, 8170. Mesaverde		17	1700 gal 15% HCl, 35 BBLS 2% KCl water, 5900 YF4G gelled H ₂ 0, 6200# 20-40 sand.
See Above Job #2			327 BBLS 2% KCl water, 1600 gal 15% HCl, 10,000 gal WF-30 pre pad, 12,900 gal YF5PSD gelled water.
See Above Job #3			12,000 gal 7-1/2% HCl, 22 BBLS 2% KCl water, no frac.
5769, 5762, 5703, 5699, 5341, 5336, 4759, 4755. Chapita Wells, Wasatch		8	2400 gal MSR conversion, 10 gal A-200 Inhibitor, 57 BBLS 15% HCl, 109,914 gal gelled water, 197,000# 10-20 sand.

UNITED STATES	5. LEASE # 2 7 2 3 3
DEPARTMENT OF THE INTERIOR	
, · · · · · · · · · · · · · · · · · · ·	
GEOLOGICAL SURVEY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
CHARDY MOTIOSO AND DEDORTO ON WELLO	7. UNIT AGREEMENT NAME
SUNDRY NOTICES AND REPORTS ON WELLS	River Bend Unit
(Do not use this form for proposals to drill or to deepen or plug back to a different eservoir. Use Form 9–331–C for such proposals.)	a Figure 1 and 1 and 1
	그가지 그 무지판
1. oil gas (X) other	
	44 045 585 - 05.
2. NAME OF OPERATOR MAPCO PRODUCTION COMPANY Alpine Executive Center	
	10. FIELD OR WILDCAT NAME River Bend
3. ADDRESS OF OPERATOR 1643 Lewis Ave., Suite 202	
Billings, MT 59102	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 21
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)	T. 10 S R. 19 E 25 25
AT SURFACE: NE/4 SW/4 2508' FSL & 1783' FWL	12. COUNTY OR PARISH 13. STATE
AT TOP PROD. INTERVAL:	Uintah Sala Utah Sala
AT TOTAL DEPTH:	14. API NO. 25000 7 13500
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE.	12 017 20102
REPORT, OR OTHER DATA	15. ELEVATIONS (SHOW DF, KDB, AND WD)
	5188' Ungraded GL 3885
REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF 🔲	3 a4 6 4500
FRACTURE TREAT	The sept of the se
SHOOT OR ACIDIZE	
REPAIR WELL [] PULL OR ALTER CASING []	(NOTE: Report results of multiple completion or zone change on Form 9-330.)
MULTIPLE COMPLETE	
CHANGE ZONES	enange on Form 9-1330.) In site of the national beautiful and the national back to be the national bac
ABANDON*	illouth social le social le social le social le social le social le liberale l
(other) WELL STATUS XX	emoitoute offered love stepose re- dreum ett b dreum ett b dreum ett b dreum ett b en beldrem L b est brek b b est brek b
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state	
including estimated date of starting any proposed work. If well is di	rectionally drilled, give subsurface locations and
measured and true vertical depths for all markers and zones pertinen	t to this work.)* 설립 호 및 기교교육
	나 물목질을 가 들어 5 볼 # 8
The RBU 11-21E has been SI since its init	ial production on 11-21-79,
	프로그램을 및 맛있는데
The well is currently being tested.	of all formation of all formations of all format
	5년 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -
Enclosed with this Sundry is a Completion	Report. The Report has no a
	ទីក្នុសន៍ធ្វី ធ្វី និង្ហិតូដី
test data due to insufficient production.	
,	in a second
	ទុន្ន ម៉ូត ទីភូមិ
	מַלְּיִלָּ בַּיִּבְּיִ בְּשִׁלְּאָה בְּיִבְּיִבְּיִי בְּיִבְּיִי בְּיִבְּיִי בְּיִבְּיִי בְּיִבְּיִי בְּיִבְּיִי
	등 기술 설 및 APR 1일 8 1980 ~
Subsurface Safety Valve: Manu. and Type	
18. I hereby certify that the foregoing is true and correct	PRINCIPLE PRINCIPLE
	A CAC & MINING
SIGNED Richard Baumanh TITLE Eng. Technici	dII DATE 4-10-8U
(This space for Federal or State offi	ce use) 그렇게 그 조르 조르 프로
ADDROVED BY	DATE
APPROVED BY TITLE CONDITIONS OF APPROVAL, IF ANY:	2465 J. 2 0000
	그 도국가를 가득하는 글로 좋게 다른 그 때문에 다른 그 때문에 다른 그 때문에 다른 그 때문에 다른 그를 들었다.

(Rev. 5-68)		JUNIE	D STA	TES`	SUBM	T IN	DUPLICAT.	. 1	}	Form a Budget	pproved. Bureau No. 42–R355.5.
4.5	DEPAR	TMEN_	OF TH	E IN	TERIOF	₹	(See struc. reverse	on 5.			ION AND SERIAL NO.
REVISE	Π	GEOLOGI	CAL SU	RVEY			reverse	side)	U-0137		
		00.0566	>> 4DL ET	10) 1	SERORE	A N 15	100				TTEE OR TRIBE NAME
WELL COM				ION I	REPORT	ANL	LOG				
1a. TYPE OF WELI	2: OII	CLL GAS WELL	X .	RY 🗌	Other			7.	RTVer	Benz	i "Offit
b. TYPE OF COMP		EP- T PLUG		, L4					#14-08	3-001	1-16305
WELL X	OVER L EN	DACK			Other			8.	FARM OR	LEASE	NAME
2. NAME OF OPERATO	INVICO	Production	•	-				_	WELL NO.		
3 ADDRESS OF OPER		e Executiv									<u>.</u>
3. ADDRESS OF OPER								10.	RBU 1	I - Z 1 I	, OR WILDCAT
4. LOCATION OF WEL	L (Report locate	ion clearly and i	n accordance	with an	y State requir	ements)*		River		
At surface		SL & 1783'						11.	SEC., T.,	R., M., (OR BLOCK AND SURVEY
At top prod. inte									OR AREA		
		elow Same							Sec 2	1. T	10S, R19E
At total depth	Same									-	
			14. PE	BMIT NO.	1	DATE I		12.	COUNTY PARISH	OR	13. STATE
15. DATE SPUDDED	10 2102 02	REACHED 17. D		-017-			<u>13-78</u>		Uintal		Utah Utah CASINGHEAD
		·			18		TIONS (DF,			18.	LLV. CASINGREAD
2-15-79	4-5-79	UG, BACK T.D., MD	1-15-79		TIPLE COMPL.		8 Ungr	ALS RO	TARY TOO	LS	CABLE TOOLS
8402'		8359'		HOW M		_	DRILLE	DBY, _	lotary	-	
24. PRODUCING INTERV	VAL(S), OF THIS		OP, BOTTOM,	NAME (1	AD AND TVD)*	!		1 1	.ocary	25	. WAS DIRECTIONAL
5769'-4753'	Wasatch	and Chapit	a Wells								SURVEY MADE
			o nerro	-							No
8170'-8337' 26. TYPE ELECTRIC AI	ND OTHER LOGS	RUN			· · · · · · · · · · · · · · · · · · ·	2 -1				27. W	AS WELL CORED
Dual Later	olog, BHC	Sonic, Co	mp Neut	ron L	og, FDC				.		No -
28.					ort all strings	s set in	well)				
CASING SIZE	WEIGHT, LB.	/FT. DEPTH	SET (MD)	но	LE SIZE		CEMEN	TING RECO	RD		AMOUNT PULLED
13-3/8"	48# K-		42'		-1/2"		5 sacks				<u> </u>
8-5/8"	24# K-		10'	11	-1/4"	12	<u>00 sack</u>	(S			
<u>5-1/2"</u>	17# N-	<u>80 0 ' - </u>	2362'	ļ							
	Back			<u> </u>		1					
29.	(25-)	LINER RECOI	- ,		1 /		30.	1	NG RECO		
SIZE	TOP (MD)	BOTTOM (MD)	SACES C	EMENT*	SCREEN (M	D) -	SIZE		H SET (M	(D)	PACKER SET (MD)
				 :		-	2-3/8'	826	9		None
31. PERFORATION REC	ORD (Interval, s	ize and number	<u> </u>		82.	A CTI	D, SHOT, F	DACTITUE	2 miles	- COM	
				. •	DEPTH INT			AMOUNT	- 120 / 12		711V/510
				•	DEFIN IN	LEBTAL	(MD)	AMOUNI	<u>Hira</u>	V -01 1	TATALA COMPA
SEE ATTACH	MENT		+ +		-				•	IUN	2 5 1980 🐪
										,	
										50.0	SIGNIOF
33.*				PROI	DUCTION		··········			- DIV+	C O MINING
DATE FIRST PRODUCTI	ON PROI	OUCTION METHOD	(Flowing, g	as lift, p	umping—size	and ty	pe of pump))	WEEL	STATUS	Troubles of
1-17-80		Flowing									SI
DATE OF TEST	HOURS TESTED			N. FOR PERIOD	OIL-BBL.	1	GAS-MCF.		ATER—BBI	.	GAS-OIL BATIO
12-2-79	21	14/64"		>	0		238		0		0
FLOW. TUBING PRESS.	CASING PRESSU	RE CALCULATI		_	GAS		. w.	ATER—BBL	·]	OIL GI	RAVITY-API (CORR.)
500 34. DISPOSITION OF GA	500 S (Sold, used to	r fuel newted a	<u>> </u>	0		272		0	210 727 710 27		
	(NOW, WOOM JU	. ,	·· <i>)</i>					TES	ST WITNES	SED B	•
Sold 35. LIST OF ATTACHM	ENTS		 								
36. I hereby certify	that the forego	ing and attached	information	a is comp	lete and corr	ect as	determined	from all a	vailable r	ecords	
D	1. 1Q		i								4 00
SIGNED	a va Rajuma	un ani	<u>~</u> TI	TLE En	gineerir	<u>ig Te</u>	<u>chnicia</u>	<u>an</u>	DATI	<u>6-2</u>	4-80

SUBMIT IN DUPLICATE

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Hem 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, PLOWING	BOTTOM	CASIN	2-17	Cemen	
AND SHU	DESCRIPTION, CONTRATS, BTC.	NG RECORD CONTINUED FROM FRONT	2" 17# K-55 2362'-4358' 2" 15.5# K-55 4358'-6898' 2" 17# K-55 6898'-8402'	nted with 2354 sacks total	chrons of the property of the chron same some some some some some some some so
	NAN WAN WAN WAN WAN WAN WAN WAN WAN WAN		Wasatch Chapita Wells Uteland Buttes Mesaverde	·CL	worker between the relations of the second s
	TOP TOP TREE ASSESSMENT		4578 5293 6348 7654	6078	

RIVER BEND UNIT NO. --21E MAPCO PRODUCTION COMPANY COMPLETION REPORT ATTACHMENT

PERFORATION RECORD		P	ACID, SHOT, FRACTURE, CEMENT SQUEEZE
INTERVAL AND DEPTH	SIZE	NO.	AMOUNT AND KIND OF MATERIAL USED
8337, 8335, 8334, 8332, 8292, 8287, 8273, 8270, 8267, 8263, 8261, 8186,		17	1700 gal 15% HCl, 35 BBLS 2% KCl water., 5900 YF4G gelled H ₂ 0, 6200# 20-40 sand.
8184, 8182, 8177, 8175, 8170. Mesaverde			
See Above Job #2			327 BBLS 2% KC1 water, 1600 gal 15% HCl, 10,000 gal WF-30 pre pad, 12,900 gal YF5PSD gelled water.
See Above Job #3		·	12,000 gal 7-1/2% HCl, 22 BBLS 2% KCl water, no frac.
5769, 5762, 5703, 5699, 5341, 5336, 4759, 4755. Chapita Wells, Wasatch		8	2400 gal MSR conversion, 10 gal A-200 Inhibitor, 57 BBLS 15% HCl, 109,914 gal gelled water, 197,000# 10-20 sand.

(Rev. 5-63)	DEPART		STATES			OUPLICATION (See of struction	n-	Form approved. Budget Bureau No. 42-F	
* **DENICED*	_		AL SURVE		`	reverse s	side) O. LEASE DE	SIGNATION AND SERIA	L NO.
**RE∜ISED*							U-0137	55 ALLOTTEE OR TRIBE	NAME
WELL CO	MPLETION	OR RECON	APLETION	REPORT	AN	D LOG*	• 0. 10 18514	, addollar on inipe	
1a. TYPE OF WEL	L: OIL WELL	GAS WELL	X DRY	Other			7. UNIT AGE	EEMENT NAME	
b. TYPE OF COM			J. J. L.				14-08-	001-16305	
WELL XX	WORK DEEP	PLUG BACK	DIFF. EESVR.	Other			8. FARM OR	LEASE NAME	
2. NAME OF OPERAT	OR MAPCO	Production	Company						
	Alpine	Executive	Center				9. WELL NO.		
3. ADDRESS OF OPER			Suite 202				RBU 11		
4. LOCATION OF WEL	Billin	gs, MT 59	102	~~~				ND POOL, OR WILDCAT	
4. LOCATION OF WEL					rement	(a) *		Bend Unit	TOVEY
At builde	2508' FSL	& 1/83' F	WL, NE SW	Sec 21			OR AREA	R., M., OR BLOCK AND S	OKVEI
	erval reported belo	Same					Sec 21	, T10S, R19E	
At total depth	Same		14 pppyrm v		D	IOGUAD.	12. COUNTY	OR 13. STATE	
			14. PERMIT NO	, ,		ISSUED	PARISH		
15. DATE SPUDDED	16. DATE T.D. RE	ACHED 17 DATE	43-017-			-13-78	Uintar KKB, RT, GR, ETC.)*	Utah	AD
2-15-79	4-5-79	1	1-15-79	18			graded GL		
20. TOTAL DEPTH, MD		BACK T.D., MD &	TVD 22. IF MU	LTIPLE COMPL		23. INTERV	ALS ROTARY TOO	LS CABLE TOO	LS
8402 '		8359'	HOW	MANY*		DRILLEI	Rotary		
24. PRODUCING INTER 5769'-475 8170'-833		& Chapita	Wells	(MD AND TVD)				25. WAS DIRECTIC SURVEY MADE	
26. TYPE ELECTRIC A	ND OTHER LOGS R	UN		<u></u>				27. WAS WELL CORE	<u> </u>
	olog, BHC S		Neutron I	oa. FDC				No	
	orog, bite a		NG RECORD (Re		a set is	n spell)			
CASING SIZE	WEIGHT, LB./F			OLE SIZE	1	-	TING RECORD	AMOUNT PUL	LED
13-3/8"	48# K-55	142	2' 17	7-1/2"	12	25 sacks	,		
8-5/8"	24# K-55	311	[0' 1]	l-1/4"	1	360 sack			
5-1/2"	17# & 15	5.5# 840)3'		23	354 sack	S		
					<u> </u>				
29 .		INER RECORD				30.	TUBING REC		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (M	ID)	SIZE	DEPTH SET (M	<u> </u>	(MD)
				-		2-3/8	<u>" 8269'</u>	None	
31. PERFORATION REC	CORD (Interval, size	e and number)	<u> </u>	32.	A C	ID SHOT E	RACTURE, CEMEN	T SOUEEZE ETC	
		·		DEPTH IN				ND OF MATERIAL USED	
SEE ATTACH	IMENT								
	•						·····		
									
33.*				DUCTION					
DATE FIRST PRODUCT			lowing, gas lift,	pumping—size	and t	ype of pump)		STATUS (Producing of it-in)	r
1-17-80	HOURS TESTED	lowing	1					Shut In	
12-2-79	r	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.		GAS—MCF.	WATER-BBI		
FLOW, TUBING PRESS.	21	14/64"	OIL—BBL.	0	-MCF.	238	OATER—BBL.	OIL GRAVITY-API (COE	RR.)
500	500	24-HOUR RAT		1	272	.	_		
34. DISPOSITION OF G		fuel, vented, etc.)		1 4	.12		O TEST WITNE	SSED BY	
Sold									
		nd.							
36. I hereby certify	ation Recor		formation is con	nlete and com	rect se	determined	from all available	records	
	/ /2	,						·	
SIGNED A	hard Baumar	11 Man	TITLE	ngineeri	ng_	<u>[echnici</u>	an DAT	E <u>7-7-80</u>	

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

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	6.	TRUE VERT. DEPTH	•	•.	•		.		
	TOP	MEAS. DEPTH		4578'	5293	6348	7654	8409	
	EXYX		-	Wasatch	Chapita Wells	Uteland Buttes	Mesaverde	T.D.	
PEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES	DESCRIPTION, CONTENTS, ETC.								
USED, TIME TOOL O	BOTTOM								
DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING	TOP								
DEPTH IN	FORMATION								

RIVER BEND UNIT NO 11-21E MAPCO PRODUCTION COMPANY COMPLETION REPORT ATTACHMENT

PERFORATION RECORD	·		ACID, SHOT, FRACTURE, CEMENT SQUEEZ
INTERVAL AND DEPTH	SIZE	NO.	AMOUNT AND KIND OF MATERIAL USED
8337, 8335, 8334, 8332, 8292, 8287, 8273, 8270, 8267, 8263, 8261, 8186, 8184, 8182, 8177, 8175, 8170 Mesaverde	,	17	1700 gal 15% HCl, 35 bbls 2% KCl water, 11,500 gal gel H ₂ 0, 34,500# 20-40 sand.
See Above Job #2			327 bbls 2% KCl water, 1600 gal 15% HCl, 10,000 gal WF-30 pre-pad, 12,900 gal YF5PSD gel H20.
See Above Job #3 5769, 5762, 5703, 5699, 5341, 5336, 4759, 4755 Chapita Wells & Wasatch		8	12,000 gal 7-1/2% HCl, 22 bbls 2% KCl water, no frac. 2400 gal MSR conversion, 10 gal A-200 Inhibitor, 57 bbls 15% HCl, 109,914 gal gelled H ₂ 0, 197,000# 10-20 sand.

Form 9-331 Dec. 1973

Form	Approved.	
Budge	t Bureau No. 42-	R14

UNITED STATES DEPARTMENT OF THE INTERIOR	5. LEASE U-013760
GEOLOGICAL SURVEY	
SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.) 1. oil gas well other 2. NAME OF OPERATOR MAPCO PRODUCTION COMPANY Alpine Executive Center 3. ADDRESS OF OPERATOR 1643 Lewis Avenue, Su. 202 Billings, MT. 59102 4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.) AT SURFACE: 2508' FSL & 1783' FWL AT TOP PROD. INTERVAL: Same AT TOTAL DEPTH: Same 16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF: TEST WATER SHUT-OFF FRACTURE TREAT SHOOT OR ACIDIZE MEAN SHOOT OR ACIDIZE MEAN SHOOT OR ACIDIZE MEAN SHOOT OR ALTER CASING PROPERTY OF SUBSEQUENT REPORT OF: TEST WATER SHUT-OFF GRAPH OF THE PORT	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 21 T10S, R19E 12. COUNTY OR PARISH 13. STATE Uintah, Utah 14. API NO. 43-017-30414 15. ELEVATIONS (SHOW DF, KDB, AND WD) 51881 G.L. (NOTE: Report results of multiple completion or zone
MULTIPLE COMPLETE CHANGE ZONES ABANDON* (other) 17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state including estimated date of starting any proposed work. If well is dimeasured and true vertical depths for all markers and zones pertinent in the Green River Formation. Please see attails. APPROVED BY THE DIVISION OF OIL, GAS, AND MINING DATE: 9-12-80 BY: ORIGINAL BIONED BY C. B. PROPT Subsurface Safety Valve: Manu. and Type 18. I hereby certify that the foregoing is true and correct SIGNED Kichard Baumann TITLE Engineering Te	and recomplete the well ached procedure for de- Set @ Ft.
(This space for Federal or State offi	·
CONDITIONS OF APPROVAL IS ANY	DATE

RIVER BEND UNIT NO. 11-21E NE SW SECTION 21, T. 10 S., R. 19 E. UINTAH COUNTY, UTAH

GREEN RIVER COMPLETION

Present Condition

5-1/2" 15.5# and 17# casing @ 8403".

2-3/8" tubing with packer @ 5742', and RBP at 5851'.

Wasatch perfs: 4766-4772, 7 shots

Chapita Wells pers: 5346-5351, 6 shots; 5707-5711, 5 shots; 5770-5775, 6 shots

Mesaverde perfs: 8170-8343, 17 shots.

Procedure

- 1. MIRU completion rig.
- 2. Control well, ND tree, NU BOP.
- 3. Release pkr. at 5742' and retrieve RBP @ 5851'. POOH and LD tools.
- 4. PU CIBP on 2-3/8" tubing.
- 5. RIH to ± 8100' (top of Mesaverde) and set CIBP.
- 6. RU cementing co. and spot 20 sacks of cement on retainer.
- 7. POOH with 2-3/8" tubing.
- 8. PU CIBP and RIH to ± 4750' and set CIBP.
- 9. Spot 15 sacks of cement on CIBP.
- 10. Pull up to 4600' and reverse circulate. Note: A 20 sack plug would not leave sufficient room to perforate interval from 4560' 4566'.
- 11. Swab well down to \pm 4000'.
- 12. POOH with 2-3/8" tubing.
- 13. RU wireline co. and perforate the following BHC Acoustilog depths 2 SPF phased 120° with a 4" casing gun:

 Green River Tongue 4565', 4564', 4563', 4562', 4561', 4560'.
- 14. PU 5-1/2" pkr. and RIH to ± 4400".
- 15. Swab test perfs from 4565' 4560'.
- If necessary, breakdown with 500 gallons of 15% HCl containing nonemulsifier and 500 SCF/Bbl nitrogen.
- 17. If zone merits further testing, a frac procedure will follow.
- 18. If zone is not productive POOH with 2-3/8" tubing and pkr.
- 19. PU 5-1/2" RBP and RIH to 3800". Set and test RBP.
- 20. Swab well down to ± 3400'.
- 21. POOH and RU perforators.
- 22. Perforate the following BHC Acoustilog depths 2 SPF phased 120° with a 4" casing gun:

Green River ''K'' zone - 3673', 3672', 3671', 3670', 3669', 3668', 3667', 3663', 3662', 3661', 3660', 3659'. Total 12' and 24 shots.

- 23. RIH with 2-3/8" tubing and pkr. to ± 3500 ". Swab test perfs from 3673" 3659".
- 24. If necessary, break down perfs with 1200 gals. of 15% HCl containing non-emulsifier and 500 SCF/Bbl N2.
- 25. If needed, a frac procedure will follow.
- 26. If zone is not productive, release pkr. and retrieve RBP.

River Bend Unit No. 11-21E Green River Completion Page 2

- 27. Pull up to \pm 3500' with RBP. Set and test same.
- 28. Swab well down to \pm 3000'.
- 29. POOH with 2-3/8" tubing and pkr.
- 30. Perforate the following BHC Acoustilog depths 2 SPF phased 120° with a 4" casing gun:

Green River "I" zone - 3388, 3387, 3386, 3385, 3384, 3383, 3382. Total 7 and 14 shots.

- 31. RIH with 2-3/8" tubing and pkr. to \pm 3200'. Swab test perfs. from 3388' 3382'.
- 32. If needed, a frac procedure will follow.
- 33. If the RBU 11-21E proves to be a commercial Green River well, this AFE would be supplemented to provide for production facilities.
- 34. If the RBU 11-21E proves to be a dry hole, an AFE will be submitted to P&A.

UNITED STATES DEPARTMENT OF THE INTER GEOLOGICAL SURVEY

(FORM 9-329) (2/76) MB 42-RO 356

MONTHLY REPORT OF OPERATIONS

Lease No	113766	
	ion Agreement No	NA
	<u> </u>	NA
Unit Name		RIVER BEND UNIT
Participating A	\rea	NA
County	UINTAH	State <u>UTAH</u>
Operator	MAPCO PRODUCTION	COMPANY
•		

The following is a correct report of operations and production (including status of all unplugged wells) for the month of _____, 19 80_____

□ Amended Report

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & ¼ of ¼	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
11-21E	21 NESW	105	19E	PGW	0	0	0	0	SI pending for-
									-
						·		<u>.</u> ·	
								·	

*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLS)	Gas (MCF)	Water (BBLS)
*On hand, Start of Month	0	xxxxxxxxxxxxxxx	xxxxxxxxxxxxxxx
*Produced	0	0	0
*Sold	0	0	xxxxxxxxxxxxxx
*Spilled or Lost		xxxxxxxxxxxxxxx	XXXXXXXXXXXXXXXX
*Flared or Vented	<u>xxxxxxxxxxxxxxxxx</u>	0	xxxxxxxxxxxxxx
*Used on Lease	0		xxxxxxxxxxxxx
*Injected	0		
*Surface Pits	XXXXXXXXXXXXXXXX	xxxxxxxxxxxxxx	
*Other (Identify)			
*On hand, End of Month		XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXX
*API Gravity/BTU Content			XXXXXXXXXXXXXXX
Authorized Signature: Askard Kan	mann Address: 1	643 Lewis Ave., Bi	llings, MT 59102
Title: Engineering Technician		Page of	

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

(FORM 9-329) (2/76) IB 42-RO 356

MONTHLY REPORT OF

Lease No	1376	56
Communitiz	ation Agreement No	, <u>NA</u> NA
Field Name.	· · · · · · · · · · · · · · · · · · ·	NA
Unit Name _		RIVER BEND UNIT
Participating	g Area	NA
County	UINTAH	State UTAH
Operator	MAPCO PRODUCTIO	ON COMPANY

OPERATIONS

Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of November, 19 80

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & ¼ of ¼	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
11-21E	21 NESW	105	19E	PGW	0	0	0	0	Well SI pending workover
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*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLS)	Gas (MCF)	Water (BBLS)
*On hand, Start of Month		xxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx
*Produced			
*Sold			XXXXXXXXXXXXXXXX
*Spilled or Lost		XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXX		xxxxxxxxxxxxx
*Used on Lease			XXXXXXXXXXXXXXX
*Injected			
*Surface Pits	XXXXXXXXXXXXXXXX	xxxxxxxxxxxxxx	
*Other (Identify)			
*On hand, End of Month		XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXX
*API Gravity/BTU Content			XXXXXXXXXXXXXXX
Authorized Signature: Alchard Bau	manual Address: 16	643 Lewis Ave., Bi	llings, MT 59102
Title: Engineering Technician		Page of	

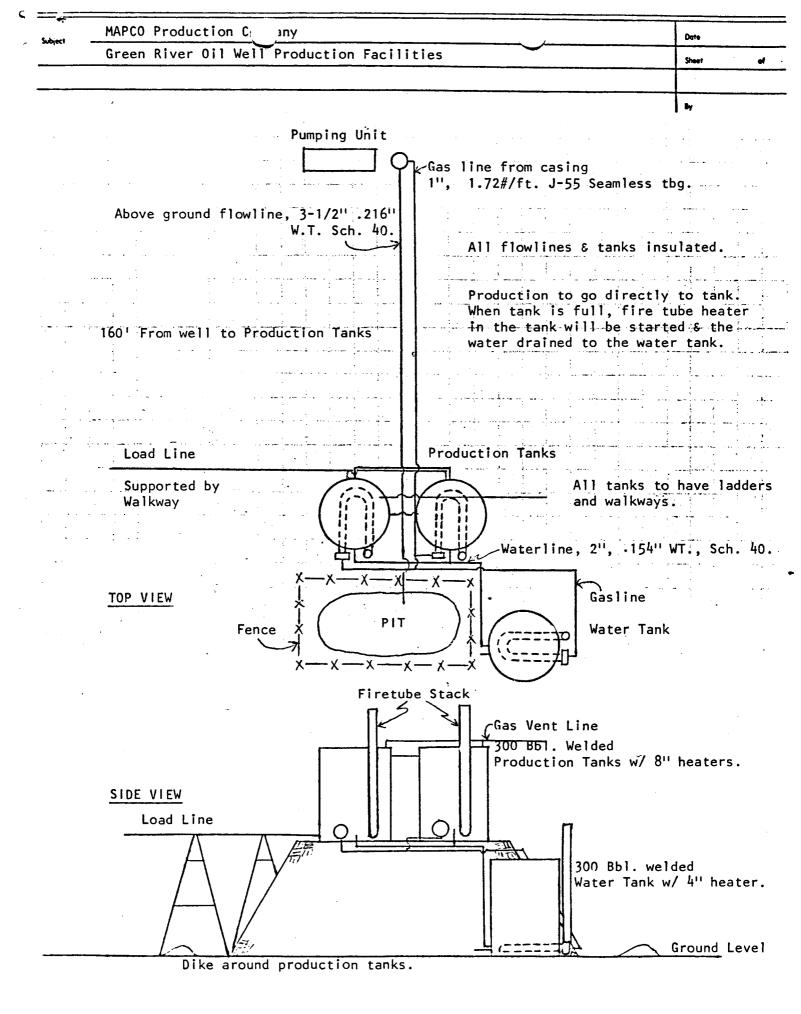
K-120

FINAL DETERMIN		•
	ATION BY THE OIL AND CAS SUPERVISOR	UNDER THE NATURAL GAS POLICY ACT OF 1978 (NCPA)
final category determented	minstion: is set forth below pursuan in application received on 10-15	nt to the provisions of the NGPA for certain Federal 5-79 and filed by MAPCO Production Co.
or the onshore:		For the OCS:
Well Name and No.:	RBU 11-21E	Lease and Well Ro.:
Sec., T. and R.:	Sec. 21, T10S, R19E	Block:
API No.:	43-047-30483	SED SS 1880 : ON 19A
Reservoir: Wasato	ch, Chapita Wells & Mesaverde	Reservoir:
Lease No.:	U-0137 6 6	Nearby State:
	Uintah, Utah	meanly state.
		•
stegory determination	requested: Section 102 (c)	(1)(C)
inal category determin	nation: Approved as requested	X Negative determination
emarks:		
	1	
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bmitted to the FERC of last of partic	with this final determination:*	ne following information and reference materials will be a second and reference materials will be a second and
1. List of partic MAP 2. A statement of	with this final determination:* cipants imcluding the applicant and PCO Production Company n any matter opposed.	I all parties submitting comments on the application.
1. List of partic MAP 2. A statement of	with this final determination: * cipants including the applicant and PCO Production Company n any matter opposed. application. Also, a copy of any	I all parties submitting comments on the application.
1. List of partic MAP 2. A statement of the together with includes: 4. All materials	cipants imcluding the applicant and PCO Production Company n any matter opposed. application. Also, a copy of any any information inconsistent (or p	all parties submitting comments on the application. other materials in the record used in the determination possibly inconsistent) with the determination, which
I. List of partic MAP 2. A statement of 3. A copy of the together with includes: 4. All materials record material	cipants including the applicant and PCO Production Company n any matter opposed. application. Also, a copy of any any information inconsistent (or p	all parties submitting comments on the application. other materials in the record used in the determination possibly inconsistent) with the determination, which B, and all other record materials (and portions of ease are enclosed.
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J. A copy of the together with includes: 4. All materials record material	cipants imcluding the applicant and PCO Production Company m any matter opposed. application. Also, a copy of any any information inconsistent (or prequired under 18 CFR 274, Subpart als) used in the determination processy statement summarizing the basis in the Production Well determination the well is enclosed.	all parties submitting comments on the application. other materials in the record used in the determination possibly inconsistent) with the determination, which B, and all other record materials (and portions of eas are enclosed. for the determination is enclosed. involving 18 CFR 271.305(b) or (c), a finding as to the determination that the Federal lease natural gas referred to above
1. List of particles of particles of particles of particles of particles of the together with includes: 4. All materials record materials record materials record materials record materials record materials of the particles of	cipants including the applicant and CO Production Company m any matter opposed. application. Also, a copy of any any information inconsistent (or prequired under 18 CFR 274, Subpart als) used in the determination procesy statement summarizing the basis in the vell is enclosed. agency determination is hereby many as natural gas produced from a Note to this final determination by file	all parties submitting comments on the application. other materials in the record used in the determination possibly inconsistent) with the determination, which B, and all other record materials (and portions of eas are enclosed. for the determination is enclosed. involving 18 CFR 271.305(b) or (c), a finding as to the determination that the Federal lease natural gas referred to above
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1. List of particles of the together of the together with includes: 4. All materials record materials record materials record materials record materials of the particles of	cipants including the applicant and PCO Production Company In any matter opposed. application. Also, a copy of any any information inconsistent (or prequired under 18 CFR 274, Subpart als) used in the determination processy statement summarizing the basis shore Production Well determination the well is enclosed. I agency determination is hereby made as natural gas produced from a Note provisions of the NGPA. Ito this final determination by fill ished by the FERC in the Federal Restriction.	other materials in the record used in the determination possibly inconsistent) with the determination, which B, and all other record materials (and portions of tess are enclosed. for the determination is enclosed. involving 18 CFR 271.305(b) or (c), a finding as to the determination is enclosed. de that the Federal lease natural gas referred to above lew Onshore Reservoir in according a protest with the FERC within 15 days after this gister in accordance with 18 CFR Part 275. Title: Acting Deputy Conservation Manager for Oil & Gas Operations
1. List of particles 1. List of particles MAP 2. A statement of the together with includes: 4. All materials record materials for a New One mecessity of the applicables of the applicables of the applicable of the appl	cipants including the applicant and PCO Production Company In any matter opposed. application. Also, a copy of any any information inconsistent (or prequired under 18 CFR 274, Subpart als) used in the determination procesty statement summarizing the basis is those Production Well determination the well is enclosed. I agency determination is hereby made as natural gas produced from a Note provisions of the NGPA. It to this final determination by fill ished by the FERC in the Federal Resistance. Those number: (307) 265-55 Public Info. File	other materials in the record used in the determination possibly inconsistent) with the determination, which B, and all other record materials (and portions of the determination is enclosed. for the determination is enclosed. involving 18 CFR 271.305(b) or (c), a finding as to the determination is enclosed. involving 18 CFR 271.305(b) or (c), a finding as to the determination is enclosed. In a protest with the FERC within 15 days after this gister in accordance with 18 CFR Part 275. Title: Acting Deputy Conservation Manager for Oil & Gas Operations 550 cxt. 5405 Address: Fox 2859, Caspor, WY 82

In the case of a negative determination, only a copy of the negative determination and a copy of form FERC 121 will be forwarded to FEFC. If the applicant or any agarieved party so requests within 15 days of taking such a determination, all information referenced in 1 through 6 will be forwarded within 70 days following the determination to the FERC in accordance with 18 CFF 274.10%(b).

Form Approved. Budget Bureau No. 42-R1424

UNITED STATES DEPARTMENT OF THE INTERIOR		EASE	766 T	10¢	ins le	
GEOLOGICAL SURVEY			I, ALLOTTEE	- 3	IBE NAME	
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SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different	1		REEMENT NA Bend Un	it 💈	o , bol elde el, are	
1. oil gas M	8. F	ARM OR	LEASE NAM	3	soibni silqqs	
well gas other	9. V	VELL NO	. 70	ခ်	ج ڪ ۾	
2. NAME OF OPERATOR MAPCO PRODUCTION COMPANY		11-21		57	es ,betel strant to strand breath	
Alpine Executive Center 3. ADDRESS OF OPERATOR 1643 Lewis Ave., Suite 202			Bend	AME	Atth batz urbje	
Billings, MT 59102	1		R., M., OR E	LK. ĀN	ID SURVE	Y OR
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17	^		ection 2	1 5	nerw sta d culsi vinen	
below.) AT SURFACE: NE/4 SW/4 2508' FSL & 1783' FWL	12. 0		S. R.	19 E. 13. S	TATE	
AT TOP PROD. INTERVAL: AT TOTAL DEPTH:		Uinta	h or s	-Uţta	in a st	
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE.	- 1	PI NO.	30402	" ⊇.	eqo ebne etin etin	
REPORT, OR OTHER DATA	1		7-30483 ons (show	DF ੌk	CR FAND	WD)
			Ungrade		25,500 o	110)
REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:			39 d 60 18 10 0 18	ن	l Eeq sz to sz to bout:	
FRACTURE TREAT			such sper former o top of o top of	d be		
SHOOT OR ACIDIZE	(NO	F. Dono	0.00 //	bluc.	Suct Suct Suct Suct Suct Suct Suct Suct	
PULL OR ALTER CASING	(110)	chang	t results of mi	330.) 🚊		
MULTIPLE COMPLETE		Ž	oni t	nsi nsibal	operations bestpace reminder ined from	этгисиоп
ABANDON*		9	bluorla deb thu dellom boilom elloms	nei	1000 1000 1000	Ş
(other) Proposed Production Facilities		<u>e</u>	orle t tomet one t one t	<u> </u>	todo llov soce to un ent b benistd	11:2
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state including estimated date of starting any proposed work. If well is discovered to the complete of	lirection	ally drill	ed. give sub	give-p surface	ertinent c	lates, s and
measured and true vertical depths for all markers and zones pertinen	nt to this	s work.)	obne shing snid	- 6 6	(600 s	
PLEASE SEE ATTACHED COPY OF PRODUCTION FACIL	ITIES		ont.	00	To it it	
FOR THE RIVER BEND UNIT 11-21E.			to the carry of th	no enoitsool	o prie	
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APPROVED BY THE DIVISION			tneut depth depth diasin diasin	tner	Aill f Suru Sector	
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Subsurface Safety Valve: Manu. and Type			Tool Set	<u>۔ ۔ ۔</u> ۔۔۔ @	18 19 19 19 19 19 19 19 19 19 19 19 19 19	
18. I hereby certify that the foregoing is true and correct			troupsadus bins low sinct to ds of all sequent displays and selection below to the case of	ונפ חם אני וכי ברפטו	יח is designed for submitting propres י to anplicable Federal law and regula י לפפרי בפראום instructions concerning נפבר, פילדופר are shown bslow or will be	
SIGNED Righard Baumann TITLEngineering Te	ch	DATE	1 -19-2812	2 2 3	10 8 ct	•
Richard Baumann		DATE _		= 2	4013	
(This space for Federal or State off	rice use)		thio:	30 lea	a Kiny is a factor of the second property of	į
APPROVED BY TITLE CONDITIONS OF APPROVAL, IF ANY:		_ DATE .				
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Form Approved

Dec. 1973	Budget Bureau No. 42-R1424			
UNITED STATES	5. LEASE			
DEPARTMENT OF THE INTERIOR	U-01 3766			
GEOLOGICAL SURVEY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME			
SUNDRY NOTICES AND REPORTS ON WELLS	7. UNIT AGREEMENT NAME			
(Do not use this form for proposals to drill or to deepen or plug back to a different	River Bend Unit			
reservoir. Use Form 9–331–C for such proposals.)	8. FARM OR LEASE NAME			
1. oil gas 📉 other	9. WELL NO.			
2. NAME OF OPERATOR	11-21E			
MAPCO Production Company	10. FIELD OR WILDCAT NAME			
3. ADDRESS OF OPERATOR	River Bend			
1643 Lewis Ave., Ste 202, Billings, MT 59102	11. SEC., T., R., M., OR BLK. AND SURVEY OR			
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17	AREA			
below.) AT SURFACE: NE4 SW4 2508' FSL & 1783' FWL	Sec. 21, T10S, R19E 12. COUNTY OR PARISH 13. STATE			
AT TOP PROD. INTERVAL:	Uintah Utah			
AT TOTAL DEPTH:	14. API NO.			
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE,	43-047-30483			
REPORT, OR OTHER DATA	15. ELEVATIONS (SHOW DF, KDB, AND WD)			
	5188' Ungraded GL			
REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:	5700 011g1 adda da			
FRACTURE TREAT	(NOTE: Report results of multiple completion or zone change on Form 9–330.)			
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly statistic including estimated date of starting any proposed work. If well is a measured and true vertical depths for all markers and zones pertine	lirectionally drilled, give subsurface locations and			
MAPCO has abandoned the Mesaverde forma RBU 11-21E in the Green River formation.	tion and recompleted the			
Please see attachment for further detai	1.			
	•			
Subsurface Safety Valve: Manu. and Type	Set @ Ft			

(This space for Federal or State office use)

_ DATE _

_____ DATE _

Eaumann HILE Engr Tech

__ TITLE _

18. I hereby certify that the foregoing is true and correct

SIGNED Kichard

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY

MAPCO PRODUCTION COMPANY COMPLETION REPORT 11-21E ATTACHMENT

PERFORATION RECORD

Interval and Depth	No.	Acid, Shot, Fracture, Cement Squeeze Amount and Kind of Material Used
NOTE: 9-27-80 Set CIB	'at 8100' w/20 sx, S	et CIBP @ 4750' w/20 sx
Green River Tongue 4560-4565	(2 spf)	1100 gal 15% HCl
Greek River K zone 3659-3673 10-1-80	(2 spf)	2400 gal 15% HCl with additive 9660 gal gelled diesel 12000# 10/20 sand
3382-3388 12-31-80 - 1-03-81	(2 spf)	Very wet. Squeezed perfs with 7 bbls cement.

U_TED STATES

SUBMIT IN DUP. re.

Form approved. Budget Bureau No. 42-R355.

(See other in-DEPARTMENT OF THE INTERIOR structions on reverse side) 5. LEASE DESIGNATION AND SERIAL NO. GEOLOGICAL SURVEY U-013766 6. IF INDIAN, ALLOTTEE OR TRIBE NAME WELL COMPLETION OR RECOMPLETION REPORT AND LOG* 1a. TYPE OF WELL: OIL X 7. UNIT AGREEMENT NAME DRY L Other River Bend b. TYPE OF COMPLETION: WORK X NEW WELL DEEP-PLUG BACK DIFF. RESVR. S. FARM OR LEASE NAME Other . 2. NAME OF OPERATOR 9. WELL NO. MAPCO Production Company RBU 11-21E 3. ADDRESS OF OPERATOR 1643 Lewis Ave., Ste 202, Billings, MT 59102 10. FIELD AND POOL, OR WILDCAT 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* River Bend At surface 2508' FSL & 1783' FWL, NE SW Sec 21 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA At top prod. interval reported below Same At total depth Same Sec. 21, T10S, R19E 14. PERMIT NO. DATE ISSUED 12. COUNTY OR 13. STATE 43-047-30414 4-13-78 Uintah 16. DATE T.D. REACHED 19. ELEV. CASINGHEAD 15. DATE SPUDDED 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 2-15-79 4-5-79 1-24-81 5188 G1 23. INTERVALS 20. TOTAL DEPTH, MD & TVD CABLE TOOLS 21. PLUG, BACK T.D., MD & TVD 22. IF MULTIPLE COMPL.. ROTARY TOOLS DRILLED BY 4750' Surface to TD 24. PRODUCING INTERVAL(S), OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)* WAS DIRECTIONAL SURVEY MADE Green River Tongue 4560-4565 Green River K zone 3659-3673 No 27. WAS WELL CORED 26. TYPE ELECTRIC AND OTHER LOGS RUN No 28. CASING RECORD (Report all strings set in well) CASING SIZE WEIGHT, LB./FT. HOLE SIZE CEMENTING RECORD DEPTH SET (MD) AMOUNT PULLED 142' 13-3/8" 48# 17-1/2" 125 sacks 8-5/8" 11-1/4" 24# 3110' 1360 sacks 5-1/2" 7-7/8" 17# 15.5# 8403 2354 sacks 29. LINER RECORD 30. TUBING RECORD SIZE DEPTH SET (MD) PACKER SET (MD) TOP (MD) SACKS CEMENT* SCREEN (MD) SIZE 2-7/8 3718 Tbg Anchor 3718 31. PERFORATION RECORD (Interval, size and number) ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED See Attachment 33.* PRODUCTION DATE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) WELL STATUS (Producing or shut-in) Well on pump 1-24-81 Producing 10-2-80 Swab 2-17-81 PROD'N. FOR TEST PERIOD HOURS TESTED CHOKE SIZE OIL-BBL. GAS-MCF. GAS-OIL RATIO 336 350 **TSTM** 826 3 - 2 - 81FLOW. TURING PRESS CASING PRESSURE CALCULATED OIL GRAVITY-API (CORR.) OIL-BBL. GAS-MCF. WATER--BBL 24-HOUR RATE 59 25 TSTM 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TEST WITNESSED BY Darwin Kulland <u>Used on lease</u> 35. LIST OF ATTACHMENTS Perforation and treatment 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

Dauman

SIGNED _

TITLE Engineering Technician

3-31-81

DATE

INSTRUCTIONS

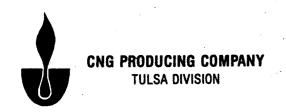
General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions. If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments

Consult local State lems 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval. or Federal office for specific instructions. should be listed on this form, see item 35.

| Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements.

Hem 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool Hem 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

	TRUE VERT. DEPTH	+ 624 - 91 -1146 -2452	••••
TOP	MEAS. DEPTH	4578 5293 6348 7654	
	NAME	Wasatch Chapita Wells Uteland Buttes Mesaverde	
DESCRIPTION, CONTENTS, ETC.			
BOTTOM			
TOP			- -
FORMATION			



RECEIVED

FEB 2 2 11

February 15, 1985

DIVISION OF OIL

GAS & MINING

State of Utah Division of Oil, Gas and Mining 335 West North Temple 3 Triad Center, Suite 350 Salt Lake City, Utah 84180-1203

Re: Transfer of Ownership and

Operations

Oil and Gas Wells State of Utah

Gentlemen:

This letter is to inform you that:

CNG Producing Company 705 S. Elgin Ave., P. O. Box 2115 Tulsa, Oklahoma 74101-2115

has acquired the ownership and operations of oil and gas wells formerly owned and operated by:

MAPCO Oil & Gas Company Tulsa, Oklahoma

Attached is a listing of wells involved in the transfer. Should there be any question regarding this matter, I may be contacted at (918)599-4005.

Sincerely,

Greg_Bechtol

Sr. Engineering Technician

Buy Becktal

GB/sr Attachment

RIVER BEND UNIT NO. 14-08-0001-16035 UINTAH COUNTY, UTAH

Status of All Wells Located Within the River Bend Unit

	Well Name	Loca	tion	Status
1.	OSC No. 1	SE NW Sec.	17-T10S-R20E	Water supply well
2.	OSC No. 2	NW SE Sec.	3-T01S-R20E	Suspended gas well
3.	OSC No. 3	SW NE Sec.	10-T10S-R20E	Plugged & abandoned
4.	OSC No. 4	NW NE Sec.	30-T 9S-R20E	Suspended gas well
5.	OSC No. 4A	NW NE Sec.	30-T 9S-R20E	Suspended gas well
6.	OSC No. 5	NE NE Sec.	2-T10S-R18E	Producing oil well
7.	Natural 1-2	SE NW Sec.	2-T10S-R20E	Plugged & abandoned
8.	OSC No. 7-15	SW NW Sec.	15-T10S-R19E	Producing gas well
9.	RBU 11-16E	NE SW Sec.	16-T10S-R19E	Producing gas well
10.	RBU 11-18F	NE SW Sec.	18-T10S-R20E	Producing gas well
11.	RBU 11-13E	NE SW Sec.	13T10S-R19E	Producing yas well
12.	RBU 7-21F		21-T10S-R20E	Producing gas well
13.	RBU 11-15F	NE SW Sec.	15-T10S-R20E	Producing gas well
14.	RBU 11-19F	NE SW Sec.	19-T10S-R20E	Producing gas well
15.	RBU 11-10E	NE SW Sec.	10-T10S-R19E	Producing gas well
16.	RBU 11-23E		23-T10S-R19E	Producing gas well
17.	RBU 11-21E	NE SW Sec.	21-T10S-R19E	Producing oil well
18.	RBU 11-14E	NE SW Sec.	14-T10S-R19E	Producing gas well
19.	RBU 11-16F	NE SW Sec.	16-T10S-R20E	Producing gas well
20.	RBU 11-36B	NE SW Sec.	36-T 9S-R19E	Plugged & abandoned
21.	FED 7-25B	SW NE Sec.		Producing oil well
22.	RBU 7-11F	SW NE Sec.		Producing gas well
23.	RBU 11-17F	NE SW Sec.		Suspended gas well
24.	RBU 5-11D	SW NW Sec.		Producing gas well
25.	RBU 11-22E	NE SW Sec.	_	Producing gas well
26.	RBU 4-11D	NW NW Sec.		Producing oil well
27.	RBU 15-23F	SW SE Sec.		Plugged & abandoned
28.	RBU 11-3F	NE SW Sec.		Producing gas well
29.	RBU 11-2F	NE SW Sec.		Producing oil well
30.	RBU 7-22F	SW NE Sec.		Producing gas well
31.	RBU 8-14F	SE NE Sec.		Producing gas well
32.	RBU 6-20F	SE NW Sec.		Producing gas well
33.		NE SW Sec.		Producing gas well
34.		SW NE Sec.		Producing gas well
35.	RBU 1-10E	NE NE Sec.		Producing gas well
36.	RBU 1-15E		15-T10S-R19E	Producing gas well
37.		NE NE Sec.		Producing gas well
38.		NE NE Sec.		Producing gas well
39.			23-T10S-R19E	Producing gas well
40.		NW NE Sec.		Producing oil well Producing gas well
41.		NW NW Sec.		Producing gas well Producing gas well
42.		SE SE Sec.		Producing gas well
43.		SW SW Sec.		Producing gas well
44.		SE SE Sec.		Producing gas well Producing oil well
45.	RBU 6-2D	SE NW Sec.	7 IIOD-KIOD	LIOGUCING OIL MOIL

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RECEIVED

· FED _ 7 1985

February 25, 1985

DIVISION OF OIL GAS & MINING

State of Utah
Division of Oil & Gas Mining
355 W. North Temple
3 Triad Center - Suite 350
Salt Lake City, Utah 84180-1203

Gentlemen:

Effective January 1, 1985, CNG Producing Company, New Orleans, LA., purchased the oil and gas properties of MAPCO Oil & Gas Company located in the state of Utah. Attached is a list of the properties sold for which CNG will now be responsible.

Please direct any future correspondence concerning these wells to the address shown below:

CNG Producing Company - Tulsa Division P. O. Box 2115
Tulsa, OK 74101-2115
Attention: Joe C. Lineback

Yours truly,

Joe C. Lineback

Manager of Accounting

Toe C. Lineback

JCL/cf

Attachment

				roma approved.	
orm 3160-5	ບ `TED STATES	SUBMIT IN TR.	CATE*	Budget Burcau Expires August	
November 1983) Formerly 9-331)	DEPARTM. OF THE INT	ERIOR (Other instruction	`0 F€ 	5. LEASE DESIGNATION	AND SERIAL NO.
, (BUREAU OF LAND MANAGEM	IENT		U-013766	0W-6RR
CII	NDRY NOTICES AND REPORT	S ON WELLS		6. IF INDIAN, ALLOTTE	SKAN SEIST SO S
On not use th	is form for proposals to drill or to deepen or Use "APPLICATION FOR PERMIT—" for	Tent reservoi	1.18/4	121	108
(20 1101 421 11	Use "APPLICATION FOR PERMIT—" for a	D Statement		7. UNIT AGREEMENT NA	
OIL TO GAS					144
MELL LA WELL		DEC 7 1987		River Bend	48
NAME OF OPERATOR	ucing Co Tulsa Division			• ••••••	
	_ <u></u>	DIVISION UF		9. WBLL NO.	
705 S F	lgin, Box 2115, Tulsa, OK 74	101-2145GAS & MINING		RBU 11-21E	
LOCATION OF WELL	(Kebott tocation creatity and in accordance with	any State requirements.		10. PIBLO AND POOL, O	R WILDCAT
See also space 17 b	elow.)			River Bend	
05001 50				11. SEC., T., R., M., OR I	LE. AND
2508° FS	L & 1783' FWL, NE SW Sec. 21			Sec. 21-T1	0S-R19E
PERMIT NO.	15. ELEVATIONS (Show wheth	ter DF, RT, GR, etc.)		12. COUNTY OR PARISE	
43-047-30	0414 5188 GR			Uintah	<u>l UT</u>
	Check Appropriate Box To Indica	ite Nature of Notice, Repo	ort, or O	ther Data	
	NOTICE OF INTENTION TO:	I		BNT EMPORT OF:	•
				1	
TEST WATER SHUT		WATER SHUT-OFF		BEPAIRING T	
FRACTURE TREAT	MULTIPLE COMPLETE	FRACTURE TREATME	<u> </u>	ALTERING C	
SHOOT OR ACIDIZE	ABANDON* Temporarily X	(Other)			
REPAIR WELL	CHANGE PLANS	(Nots: Repor	rt results	of multiple completion	on Mell
(Other)	OR COMPLETED OPERATIONS (Clearly state all per	tingut details and give porting	nt dates	tion Report and Log fo including estimated dat	e of starting any
proposed work. nent to this work	If well is directionally drilled, give subsurface	locations and measured and tr	ue vertica	l depths for all marker	s and sones perti-
Hent to this work	w/				
Shut wel	l in as is.				
	future use as water disposa	l well.			
	, 404, 6 400 40 1141, 413, 413, 413, 413, 413, 413, 413				
	•				
	•				
. I hereby certify /	hat the foregoing is true and correct				
SIGNED	Man Saud TITTE	Engineering Technic	<u>cian</u>	DATE Decem	ber 1, 198
<u> </u>					
	ederal or State office tise)				

*See Instructions on Reverse Side

TITLE _

APPROVED BY CONDITIONS OF APPROVAL, IF ANY:

DATE ___

	RBU 11-21E	Sec 21, 1030, 19E Q'ibly 8 June 88
	16-17	
42.381 50 SHETS 5 SQUARE 42.382 100 SHEETS 5 SQUARE A2710NAL		emengency Pet
NATI		O well head
	access soad.	

(State Use Only)

Form 9 STATE OF UTAH					
DEPARTMENT OF NATURAL RESOURCES		F lase Designation and Serial Number			
DIVISION OF OIL, GAS AND MINING		─ U-013766			
		7. Indian Allottee or Tribe Name			
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new well, deepen existing we and abandoned wells.	lls, or to reenter plugged				
Use APPLICATION FOR PERMIT - for such proposals		8. Unit or Communization Agreement			
		River Bend Unit			
1. Type of Well		9. Well Name and Number			
X Oil Gas Other (specify)					
Well Well		RBU 11-21E			
2. Name of Operator		10. API Well Number 43-047-30414			
CNG Producing Company	A Talanhana Numban	11. Field and Pool, or Wildcat			
3. Address of Operator 1450 Poydras St., New Orleans, LA 70112-6000	(504) 593-7260	River Bend			
5 Location of Well	(304) 333-1200	1444 544			
3. Location of ***					
Footage : 2,508' FSL & 1,783' FWL		County: Uintah			
QQ, SEC., T., R., M.: NE SW of Sec. 21-T10S-		State : UTAH			
12 CHECK APPROPRIATE BOXES TO INDIGATE NAT	URE OF NOTICE, RE	PORT OR OTHER DATA			
NOTICE OF INTENT	SUBSEQUENT				
(Submit in Duplicate)	(Submit Origin	al Form Only)			
Abandonment New Construction	Abandonme	ent * New Construction			
Casing Repair Pull or Alter Casing	Casing Rep				
Change of Plans Recompletion	Change of				
Conversion to Injection Shoot or Acidize	Conversion	to Injection Vent or Flare			
Fracture Treat Vent or Flare	Fracture Tr				
Multiple Completion Water Shut-Off	X Other	Annual Status Report			
Other	Date of Work	Completion			
Approximate Date Work Will Start		•			
		of Multiple Completions and Recompletions to			
		voirs on WELL COMPLETION OR RECOMPLETION			
	AND LOG form	1.			
	* Must be acc	companied by a cement verification report.			
13. DESCRIBE PROPOSED OR COMPLETION OPERATIONS(Clearly					
drilled, give subsurface locations and measured and true vertical d	epths for all markers and	zones pertinent to this work.)			
· -	•				
STATUS OF WELL					
Shut-in					
		1013			
EXPLANATION FOR STATUS OF WELL		WAD 0 4 4007			
		MAR 0 1 1993			
Under evaluation					
		DIVISION OF			
FUTURE PLANS	OIL GAS & MINING				
Possible workover or recompletion					
·					
14. I hereby certify that the foregoing is true and correct					
1 1 50.11					
Name & Signature Scot Children Title	Supervisor, Prod. E	ingineering Date January 29, 1993			
W. Scot Childress					

(State Use Only)

CNG Producing Company

A CNG COMPANY

CNG Tower 1450 Poydras Street New Orleans, LA 70112-6000 (504) 593-7000

June 9, 1994

JUN 1 4 1994
PM. CF CH., CAS & MANKS

Mr. Ed Forsman U.S. Dept. of the Interior Bureau of Land Management Vernal District Office 170 South 500 East Vernal, UT 84078

RE: River Bend Unit

Sundry for approval to Plug & Abandon

RBU 11-21E - Sec. 21-T10S-R19E

Dear Ed:

Enclosed please find an original and two copies of Form 3160-5 Sundry Notices and Reports on Wells for approval to plug and abandon the above reference well. Also enclosed is CNG's procedure to plug along with the well schematic.

CNG Producing Company is requesting all information be held confidential.

Should you have any question please feel free to contact either myself at (504) 593-7260 or the project engineer, Scot Childress at (504) 593-7574.

Sincerely,

CNG PRODUCING COMPANY

Susan H. Sachitana Regulatory Specialist

Enclosure

cc: Utah Board of Oil, Gas & Mining

Form 3160-5 UNITED STA_3		FCAPPROVED
DEPARTMENT OF THE INT	ERIOR	BUDGET BUREAU NO. 1004-0135
BUREAU OF LAND MANAGE		EXPIRES: MARCH 31, 1993
OUTLAS OF LARGE HINES		5. Lease Designation and Serial No.
SUNDRY NOTICES AND REPORT	CONTRELLE	U-013766
= "-		6. If Indian, Allottee or Tribe Name
Do not use this form for proposals to drill or	o deepen or reentry to a	1
different reservoir. Use "APPLICATION FOR)3813
SUBMIT IN TRIPLICAT	E	
1. Type of Well		7. If Unit or CA, Agreement Designation
[X] Oil Well [] Gas Well [] Other		
2. Name of Operator		8. Well Name and No.
CNG PRODUCING COMPANY		RBU 11-21E
3. Address and Telephone No.		9. API Well No.
CNG Tower - 1450 Poydras Street, New	Orleans, LA 70112-6000	43-047-30414
4. Location of Well (Footage, Sec., T., R., M	or Survey Description)	10. Field and Pool, or Exploratory Area
Surface - 2,508' FSL & 1,783' FWL of S	en 21-T10S-R19E	River Bend
5011302 - 2,500 F32 & 1,705 1 VV2 075		11. County or Parish, State
		Unitah, Utah
OUTON ADDOODDIATE BOY	C) TO INDICATE NATURE O	F NOTICE, REPORT, OR OTHER DATA
	1	TYPE OF ACTION
TYPE OF SUBMISSION	· · · · · · · · · · · · · · · · · · ·	[] Change of Plans
[X] Notice of Intent	[X] Abandonment	[] New Construction
	[] Recompletion	
[] Subsequent Report	[] Plugging Back	[] Non-Routine Fracturing
	[] Casing Repair	[] Water Shut-Off
[] Final Abandonment Notice	[] Altering Casing	[] Conversion to Injection
	[] Other	[] Dispose Water
	MALKHEITHEITH	(Note: Report results of multiple
	MINAADOMANA	completion on Well Completion or
	V	Recompletion Report and Log form.)
13. Describe Proposed or Completed Opera	ations (Clearly state all pertir	nent details, and give pertinent dates,
including estimated date of starting any s	proposed work. It well is aire	ectionally office, give subsurface locations
and measured and true vertical depths for	or all markers and zones per	rtinent to the work.)*
CNG request approval to plug & abandor	the above referenced well	per the following procedure:
1. Rig up pulling unit and move in frac tank		
9 Pull out of hole with the rods and tubing it	and anchor at 3,/14.	re e la
3. Trip in hole and set cement retainer at 3.	,350'. Squeeze 50 sks of 15	5.6 ppg G cement below and spot 5 sks on to
A Pressure test casing to 1 000 psi		
5 Rig up on 8.5/8" x 5.1/2" and attempt to	spot cement plug form 3,00	00' - 3,200' with 50 sks of 15.6 ppg across
9.5/8" shoe. Do not exceed 1500 psi. If	unsuccessful, call BLM for	waiver on outside plug.
6. Spot balance cement plug inside 5 1/2"	from 3,000' - 3,200' with 25	sks of 15.6 ppg.
7. Spot surface plug from 60' - 5' with 7 sk	5.	
Install dry hole marker and rehab location	n to BLM specs.	
6. Histan dry note market and retain		Accepted by the
CNG would like to begin operations appr	ovimately on July 1 1994.	Utah Division of
CMCI Mortio ave to pediat obergrous abbi	Campacery on only 1, 100 11	Olai Dividion of
	and appropri	OII, Gas and Mining
14. I hereby certify that the forgoing is true		COND ONLY
A MINISTER THE	Supervisor, Prod. Eng.	Date FOR RECORD ONLY
	Supervisor, Frod. Eng.	DATE
Scot Childress	1	
(This space for Federal or State office u	sej	
		Data
Approved byTitle		Date
Conditions of approval, if any:		
Title 18 U.S.C. Section 1001, makes it a cri	me for any person knowingh	y and willfully to make to any department or
agency of the United States any false, fictit	ious or fraudulent statement	s or representations as to any matter
· · · · · · · · · · · · · · · · · · ·		

within its jurisdiction.

P&A PROCEDURE RIVERBEND - 1992 UINTAH, UTAH CNG PRODUCING CO. DATE: DEC 20, 1993

WELL: 11-21E

LOCATION: SECTION 21E, T10S, R19E

ELEVATION: 5202' AFE #: R0406

AFE AMOUNT: \$ 30,000 5 1/2" CASING @ 8364

PBTD: 4400

END OF 2 3/8" TUBING 0 OLD PERFS: 3659-3673 - K

PURPOSE: P&A

CNG ENGINEER: SCOT CHILDRESS @ 504-593-7574 FAX - 504-593-7544 CNG FIELD MANAGER: DARWIN KULLAND @ 801-722-4521 FAX - 801-722-5004

CNG WORKOVER FOREMAN: MITCH HALL @ 801-722-4521

CEMENT/VENDOR: HALLIBURTON WIRELINE: HLS @ 801-789-8950

SCHLUMBERGER @ 801-789-3394

PACKER: OTIS @ 789-5746

RIG: FLINT

PROCEDURE:

CONFIDENTIAL

SPUD - 2-15-94
TD REACHED - 4-5-79
TD - 8402'
17 1/2" HOLE FOR 13 3/8" 48# K55 @ 127' - 125 SXS. G (CMT TO SURFACE)
12 1/4" HOLE FOR 8 5/8" 24# K55 @ 3110' - 1360 SXS. G (CMT TO SURFACE)
7 7/8" HOLE FOR 5 1/2" 17#/15.5# @ 8402' - 2354 SXS.
TOC @ 1500'
COMPLETION STARTED - 5-17-79

1. Rig up pulling unit and move in frac tank.

2. POOH with the rods and tubing and anchor at 3714'.

3. TIH and set cement retainer at 3350'. Squeeze 50 sxs of 15.6 ppg G cement below and spot 5 sxs on top.

4. Pressure test casing to 1,000 psi.

- 5. Rig up on 8 5/8" x 5 1/2" and attempt to spot cement plug from 3000-3200' with 50 sxs of 15.6 ppg across 8 5/8" shoe. Do not exceed 1500 psi. If unsuccessful, call BLM for waiver on outside plug.
- 6. Spot balance cement plug inside 5 1/2" from 3000-3200' with 25 sxs of 15.6 ppg.

7. Spot surface plug from 60-5' with 7 sxs.

8. Install dry hole marker and rehab location to BLM specs..

WELL SKETCL

WELL RRUIN	21E				-	UNIT
SEC 21	T 105.	R 19E ,		HATI	COUN	NTY, WIAH
ELEVATIONS :	GROUND	5188'	;	KB	TO 5202	- 19

PRESENT	PROPOSED
133/8" @ 127	1/-,-,-
856", 24 " @ 3110' TOC @ 1500'	
GREEN RIVER "1" Refairer 3350'- 3382'-3388' SQUEEZED	→ ***
GREEN RIVER "K" 3659'-3663', 3667'-3673'	3137
17/6" TUBING 151/3" BAKER ANCHOR @ 3714'	.,.,-,
CIBP @ 4428' W/20'CMT	
GREEN RIVER TONGUE CONFIDENTIAL	· -
CIBP@ 4750' W/20' CMT	
WASATCH 4753'-5769' (OA)	- -
CIBP @ 8100' W/20'CMT	
MESAVERDE 8170'- 8337'(0A)	- - -
EST PBTD 8364' 5'3", 15.5" @ 8402'	
DATE 7-3-86 PREPARED BY G. BECHTOL	-

المهديدي والأكراف بسوا المستنبط فالطاف فيحا		i F %	ANSI ANTOUVED				
UP DEPARTMENT OF THE INTE	E	Jr "ET BUREAU NO. 1004-0135					
BUREAU OF LAND MA-AGE	MENT		ES: MARCH 31, 1993				
			Lease Designation and Serial No.				
SUNDRY NOTICES AND REPORTS	S ON WELLS		U-013766				
Do not use this form for proposals to drill or t		6	If Indian, Allottee or Tribe Name				
different reservoir. Use "APPLICATION FOR	• •	1	Tributi, Monde of Tribe Hame				
		30038.3					
SUBMIT IN TRIPLICAT	<u> </u>		William CA American Designation				
1. Type of Well		//-	If Unit or CA, Agreement Designation				
[X] Oil Well [] Gas Well [] Other			Maria Nama a maria Nim				
2. Name of Operator		₹8.	Well Name and No.				
CNG PRODUCING COMPANY			RBU 11-21E				
3. Address and Telephone No.		į	API Well No.				
CNG Tower - 1450 Poydras Street, New			43-047-30414				
4. Location of Well (Footage, Sec., T., R., M		110	. Field and Pool, or Exploratory Area				
Surface - 2,508' FSL & 1,783' FWL of Se	c. 21-T105-R19E	L	River Bend				
		11	. County or Parish, State				
			Uintah, Utah				
CHECK APPROPRIATE BOX(6) TO INDICATE NATURE	OF NOT	ICE, REPORT, OR OTHER DATA				
TYPE OF SUBMISSION			FACTION				
[] Notice of Intent	[X] Abandonment	[]	Change of Plans				
.,	[] Recompletion		New Construction				
[X] Subsequent Report	[] Plugging Back		Non-Routine Fracturing				
(vi napardanii vekavi	[] Casing Repair		Water Shut-Off				
[] Final Abandonment Notice	, w		[] Conversion to Injection				
() mai robindonnem resolut	Other		Dispose Water				
	I J Garer		ote: Report results of multiple				
		-	ompletion on Well Completion or				
			ecompletion Report and Log form.)				
13. Describe Proposed or Completed Opera	tions (Clearly state all pe	runent de	aus, and give pertinent dates,				
including estimated date of starting any p							
and measured and true vertical depths fo	r all markers and zones p	pertinent t	o the work.)*				
Plugging operations began on July 19, 19	194 and were completed :	nn July 91	1994				
1. Set retainer at 3,343'.	34 Bild Hele bompieted	on oury z.	,				
2. Spotted 50 sks above and 50 sks below.							
•							
3. Top of cement at 3,000'.	4 OK						
4. Tested 5 1/2" casing to 1000 PSI. Tested							
5. Set surface plug inside 5 1/2" casing, 20		1					
6. Set surface plug inside 8 5/8" x 5 1/2" from	om 78' to surface.	\$. \$.	ALC 3 A				
7. Cut 8 5/8" x 5 1/2" 6' off below surface.		ŧ	AUG 2 3				
8. Installed dry hole marker		į	Like the second of the second				
9. Will reclaim location as soon as possible.			DOMESTICAL CAS A CITALIBIA				
		į	THE THE CASE THE STATE AND ADDRESS OF THE STATE ADDRESS OF THE STATE AND ADDRESS OF THE STATE				
14. I hereby certify that the forgoing is true:	and correct						
1 20 11							
Signed Av (White Title	Supervisor, Prod. Eng.	Date	July 27, 1994				
Scot Childress							
(This space for Federal or State office us	e)						
Transfer and a desired as a desired assets as	•						
Approved by Title		Date					
Conditions of approval, if any:							
Title 18 U.S.C. Section 1001, makes it a crin	a for any nareon knowin	aly and w	ilifully to make to any denartment or				
agency of the United States any false, fictition	os or iraudulent stateme	ins or rep	TESTINGUOIS AS TO ATTY MATTER				

WELL SKETCH

WELL RBU 11-21E FIELD RIVER BEND UNITY	T
TICE PIES UNTAH COUNTY,	WTAH
FIFVATIONS: GROUND ; RB 10 ;	
Before P-A Surface plug (85"252") As	11. 0.1
Before P-A Aom 78-6;	FEN PLA
10 10 10 10 10 10 10 10 10 10 10 10 10 1	[2/-/->
133/8" @ 127 > Durtace plug (MSW)	1 200%->=-
TOC @ 1500' From 200-6.	3000'
85%", 24 # @ 3110'	1222
TOC @ 3000'	2-11-12
7.4 27.12'	<u>/-1</u>
GREN RIVER	
3382-3388 SQUEEZED	+,-,-
GREEN RIVER "K"	まない
3659'-3663',3667'-3673'	3673
17/6" TUBING 15/3" BAKER ANCHOR @ 3719"	
1 % TUBING 15/3 BARER ANLING	-1-1-1
CIBP @ 4428' W/20' CMT	
CIBP @ 4428 W/ LU	
GREEN RIVER TONGUE	
4560'-4565'	
4560 - 4569	
CIBP @ 4750' W/20' CMT	
CIBIE	
WASATCH	
4753'-5769'(OA)	
CIBP @ 8100' W/20'CM7	-
MESAVERDE	
8170'- 8337' (OA)	
EST PBTD B364'	
176 #	
53", 15.5" @ 8402"	

CNG Tower 1450 Poydras Street New Orleans, LA 70112-6000 (504) 593-7000

August 22, 1994

Mr. Ed Forsman U.S. Dept. of the Interior Bureau of Land Management Vernal District Office 170 South 500 East Vernal, UT 84078

RE: River Bend Unit
Subsequent Sundry - Plug & Abandon
Completion Report
RBU 11-21E - Sec. 21-T10S-R19E

Dear Ed:

Enclosed please find an original and two copies of Form 3160-4 Well Completion or Recompletion Report and Log along with Form 3160-5 Sundry Notices and Reports on Wells to plug and abandon the above reference well. Also enclosed is the well schematic.

CNG Producing Company is requesting all information be held confidential.

Should you have any question please feel free to contact either myself at (504) 593-7260 or the project engineer, Scot Childress at (504) 593-7574.

Sincerely,

CNG PRODUCING COMPANY

Susan H. Sachitana Susan H. Sachitana Regulatory Specialist

AUG 23

Enclosure

cc: Utah Board of Oil, Gas & Mining Scot Childress

(havémber 1985) (figurerly 9-330) UNITED STATES SUBMIT IN DUPLICATE							Form approved. Budget Bureau No. 1004-0137				
		MENT OF THE				other in-		Expires August 31, 1985			
É	UREAL	JOF LAND MAN	AGEMENT			tions on	5. LEASE DESIGNATION AND				
	reverse side)							SERIAL NO.	TATION AND		
V	VELL CO	OMPLETION OR	RECOMPLETIC	N REPO	RT AN	D LOG*		U-013766	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
1a. TYPE OF WE	LL:	OIL WELL	GAS WELL	7 DRY	Othe	. 50	A'd	5. TE INDIAN, ALL TRIBE NAME	OTTEE OR		
		WELL [ן דאט ן		, <u>Fa</u>	Ad	7. UNIT AGREEE	MENTNAME		
16. TYPE OF CO			--					River Beno			
NEW WELL	WORK Tover	DEEP-	PLUG BACK	DIFF.	Othe	. ož	A'd	8. FARM OR LEA RBU	oc name		
2. NAME OF OPI			T DACK	TRESVA.	10			9. WELL NO.			
CNG Prod								11-21E			
3. ADDRESS OF	_		law Orlanga I.A	70115	5000			Natural Bu	OOL, OR WILDCAI		
4. LOCATION OF	- WELL	50 Poydras St., N THERENTIACOTION CLE	arly and in accorda	nee with an	y State	re quirem e	nts)"		A., OR BLOCK AND		
At surface 2	,508' F	SL & 1,783' FWL				UG 2 3	1	SURVEY OR	AREA		
At top prod. ir	nterval re	ported below			erika. Mangantan	The second secon	and the same of th	NE of SW of 2	1-T10S-R19E		
At total depth			-			50 G 60 80		12. COUNTY OR			
]1	4. PERMII	NO.	DATE ISS	יטבט	PARISH	13. SIMIL		
		-		3-047-3		04/13		Uintah	Utah		
SPUDDED	6. DATE REAC		TY. DATE COMPY	Keady to pi	00.)	RKB, F	ATTON(DF, T, GR, ETC.)*	19. ELEV. CASIN	GRICAD		
02/15/79	04		P&A'd 07/21/94			<u> </u>	188' GR				
20. TOTAL DEPT	TH	21. PLUG, BACK T.	D. 22. IF MULTIPL HOW MANY		·)	23	. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS		
MD&TVD 8	,402'	3,000'	1 Z			}	>;	Rotary	,0020		
		AL(S), OF THIS COM			AME (MI	O AND TVI) *	25. WAS DIRECT			
								SURVEY MAI	DE		
AC TVAC EL EAT	DIO AND	OTHER LOGS RUN					27. WAS WEL	No L CORED			
26. THE ELECT	HIC AND	OTHER LOGS RUN					No	.E COMES			
28.			CASING REC	ORD (Re	eport a	ll strings	set in well)				
CASING SIZE	WEIGH	HT, L8/FT.	DEPTH SET (MD)				CEMENTING	RECORD	AMOUNT PULLED		
13 3/8"		48#	142′	17 1/2*		125 sks 1,360 sks					
8 5/8" 5 1/2"		24# 17# 15.5#	3,110° 6,403°	7 7/8"		2,354 sks					
0.172											
29.		LINER RECORD		:=1	aaacc	11 (2.55)	30. SIZE	TUBING RECORD	PACKER SET (MD)		
SIZE	TOP (MD	BOTTOM (MD)	SACKS CEMEN	X	SCREE	N (ML)	2 3/8"	3,718'	Tubing Anchor 3,71		
31. PERFORATI	ON REC	ORD (Interval, size ar	id number)	DEPTHT	AC NTERVA	ID, SHOI, ID, SHOI,	FRACTURE, C	EMENT SQUEEZE XIND OF MAIEH	IAL USED		
4,560-4,565		Green River Tongu	e	4,560-4,	,565'		1,100 gallons	15% HCL	elled diesel, 12,000		
3,659-3,67 3 ′ 3,382-3,388′		Green River K Zone	•	3,659-3,	013		2,400 gar 107	#1102, 3,000 gui g	ened dieser, 12,000		
							[
33.					PRC	DUCTION					
DATE FIRST PRO	סווסמסכ	M TERCODOCHOM R	AET (Flowing, gas li	it, pumping	7 - 5/22	and type o	pump)	WELL STATUS	(Producing or shut-		
N/A DATE OF TEST		THOURS TESTED	TCHOKE SIZE IF	ROD'N FO	H OIL	BEC.	GAS-MCF.	Producing WATER-BEL.	GAS-OIL HATTO		
BAIL OF TEOT				EST PERK				ļ	i		
FLOW, TUBING		CASING PRESSUR	E ICALCULATED	OIL-BBL		-MCF.	WATER-BBL.	OIL GRAVITY-AF	T(CORR.)		
FE011. 1051110 1) Admits i itassoii	24 HR RATE						•		
	N /) E / 2 / 0	S (Sold, úsed for fue	>					TEST WITNESSE	D BY		
35. LIST OF ALL											
Ξ.	A A Sch	emotic						II available sages			
3b. I hereby cen	-	ne foregoing and atta	.c.rva information is								
	SIGNE			TITLE	Super	visor, Pr	od. Eng.	DATE	08/17/94		
		W. Scot Child	iress tion and Snace	s tor Add	dunal	Data on	Reverse Sic	le)			

	TOP TRUE VERT, DEPTH	4,578	5,293	6,348'	7,654		
	WEAS, DEPTH	4,578'	5,293'	6,348′	7,654'		
000	NAME	Wasatch	Chapita Wells	Uteland Buttes	Mesaverde		
							
' 0							
drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and	9						• •
hut-in pre	ENTS, ET						•
ving and s	ON, CONT		ž				
open, flov	DESCRIPTION, CONTENTS, ETC.						
í, time tool							
ihion usec							
ested, cus						<u>. </u>	
h interval 1	BOTTOM						
ıding dept	TOP						
ests, incli							
recoveries)	FORMATION						

WELL SKETCH

WELL RBILL	ZIE FIELU RIVER BERD MAI	<u> </u>
656	TIOS RIGE . MINTAN COUNTY, J	STAH
ELEVATIONS '	GROUND; KB TO =	19'
ELEVATIONS:		
	Aom (78-6; 252") Af	L. P. A
Before P-A	A-1 (18) - 1'	ועבו איי ועבו
Deloie 1	33/8" @ 127' * Surface plu g (inside 5'2")	1/- / - 1 1
	133/8" @ 127' * Surtace plug (MSOL) 2) 14	シューション
'	TOC @ 15001 . From 200-6.	200
	856", 24 " @ 3110'	1130001-1
	838, 24 (4.3112	12/2/2/
	TOC @ 3000'	ノーハーハ
	700 C 3000	711:2154
	GREEN RIVER "1" Refairer 3343'	
	3382'-3388' SQUEEZED	=1-1-
	7302 370	T, - /
	- M	
1 1 1	GREEN RIVER "K"	上分ったい
1 1 1 7	3659'-3663', 3667'-3673'	3673
	1 7/8" TUBING 15/3" BAKER ANCHOR @ 3714'	
		-1-1
200,000000000		
	CIBP @ 4428' W/20'CMI	
	GREEN RIVER TONGUE	
1 · ‡	4560'-4565'	
120.00	CIBP @ 4750' W/20' CMT	1-11
	CIRP & 4150 W/ CD CMI	
1	WASATCH	
	4753'-5769' (OA)	
		() () (
	CIBP @ 8100' W/20'CMT	<u></u>
		1
1	MESAVERDE	
F	B170'- B337' (OA)	1
	ST PBTD	
	5'4" 17'6 # @ 848Z'	

FORM 9 STATE OF UTAH **DIVISION OF OIL, GAS & MINING** Lease Designation and Serial Number: U-013766 If Indian, Allottee or Tribe Name: SUNDRY NOTICES AND REPORTS ON WELLS 6. Unit Agreement Name: Do not use this form for proposals to drill new wells, deepen existing wells or to reenter plugged and abandoned wells. RIVER BEND UNIT Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals. Well Name and Number: 1. Type of Well: OIL X GAS OTHER: **RBU 11-21E** 2. Name of Operator: API Well Number 43-047-30414 **CNG PRODUCING COMPANY** 10. Field and Pool, or Wildcat: Address and Telephone Number: Natural Buttes 630 CNG Tower - 1460 Poydras Street, New Orleans, LA 70112-6000 (504) 593-7260 4. Location of Well **UINTAH** 2,508' FSL & 1,783' FWL County: Footages: State: UTAH QQ, Sec, T., R., M.: NE SW of Sec. 21-T10S-R19E CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 11. SUBSEQUENT REPORT NOTICE OF INTENT (Submit Original Form Only) (SUBMIT IN DUPLICATE) New Construction Abandon New Construction Abandon* Pull or Alter Casing Repair Casing Pull or Alter Casing Repair Casing Change of Plans Reperforate Change of Plans Recomplete Convert to Injection Vent or Flare Convert to Injection Reperforate Water Shut-Off Vent or Flare Fracture Treat or Acidize Fracture Treat or Acidize X Other ANNUAL STATUS REPORT FOR STATE OF UTAH Multiple Completion Water Shut-Off Other Date of work completion Approximate date work will start Report results of Multiple Completion and Recompletion to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form. "Must be accompanied by a cement verification report. 12. DESCRIBE PROPOSED OR COMPLETION OPERATIONS (Clearly State all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) NOTE! This well is PAN'd. PA Raperwork in Well Lile! **STATUS OF WELL EXPLANATION FOR STATUS OF WELL** Under evaluation. **FUTURE PLANS** Possible workover or plug and abandonment. RECEIVED FEB 1 5 2000 **DIVISION OF** OIL, GAS AND MINING 13.

(This space for State use only)

Name & Signature:

Regulatory Reports Administrator

Date: February 12, 2000

Susart. Sachtara Title:

CNG Producing Company

A CNG COMPANY

CNG Tower 1450 Poydras Street New Orleans. LA 70112-6000 (504) 593-7000

February 14, 2000

Mr. Don Staley
Administrative Supervisor, Oil & Gas
Utah Board of Oil Gas & Mining
1594 West North Temple
Suite 1210
Salt Lake City, UT 84114-5801

RE: Annual Status Report of Shut-in, Temporarily-abandoned, and Suspended

Drilling Wells

Dear Mr. Staley:

Enclosed please find Sundry Notices for all of CNG Producing Company wells that are required to be reported annually. These wells are shut-in and are being evaluated.

If you have any questions please feel free to contact me at (504) 593-7260 or our project engineer, Ralph Hamrick, at (281) 873-1562.

Sincerely,

Susan H. Sachitana

Regulatory Reports Administrator

Susant Sachitara

Enclosures

cc: Nelda Decker

Mitch Hall

Ralph Hamrick

REGEIVED

1 1 2 2000

DIVISION OF OIL, GAS AND MINING



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office P.O. Box 45155 Salt Lake City, UT 84145-0155

In Reply Refer To: 3100 U-01470-A et al (UT-932)

JUN 2 2000

NOTICE

Dominion Exploration & Production, Inc. 1450 Poydras Street

New Orleans, LA 70112-6000

Oil and Gas Leases

Name Change Recognized

Acceptable evidence has been received in this office concerning the change of name of CNG Producing Company to Dominion Exploration & Production, Inc. on Federal oil and gas leases.

The oil and gas lease files identified on the enclosed exhibit have been noted as to the name change. The exhibit was compiled from your list of leases and a list of leases obtained from our automated records system. We have not abstracted the lease files to determine if the entity affected by the name change holds an interest in the leases identified nor have we attempted to identify leases where the entity is the operator on the ground maintaining no vested record title or operating rights interests. We are notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the name change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

The following lease on your list is closed on the records of this office: U-029277.

Due to the name change, the name of the principal on the bond is required to be changed from CNG Producing Company to Dominion Exploration & Production, Inc. on Bond No. 524 7050 (BLM Bond No. WY1898). You may accomplish this name change either by consent of the surety on the original bond or by a rider to the original bond. Otherwise, a replacement bond with the new name should be furnished to the Wyoming State Office.

/s/ Robert Lepez

Robert Lopez Chief, Branch of Minerals Adjudication

Enclosure Exhibit of Leases

RECE

JUN 05 23 3

DIVISION OF OIL, GAS AND HE cc: Wyoming State Office
New Mexico State Office
Moab Field Office
Vernal Field Office
MMS-Reference Data Branch, MS 3130, Box 5860, Denver, CO 80217
State of Utah, DOGM, Attn: Jim Thompson (Ste. 1210), Box 145801, SLC, UT 84114-5801
Irene Anderson (UT-932)
Teresa Thompson (UT-931)
LaVerne Steah (UT-942)

STATE OF UTAH

DIV	VISION OF OIL, GAS & MINING	5. Lease Designa VARIOUS	tion and Serial Number:	
SUNDRY NOTICES AND REPORTS ON WELLS			6. If Indian, Allotte	ee or Tribe Name:
	drill new wells, deepen existing wells or to reenter plugged and al	bandoned wells.	7. Unit Agreemen	t Name:
1. Type of Well :	FOR PERMIT TO DRILL OR DEEPEN form for such proposals.	8. Well Name and	Number:	
	OIL GAS OTHER:		VARIOUS	
Name of Operator: DOMINION EXPLORATION & PR	ODUCTION, INC.		9. API Well Numb	oer
 Address and Telephone Number: 1460 Poydras Street, New Orleans 	s, LA 70112-6000 (504) 593-7260		Field and Pool, Natural Buttes	
Location of Well	χ			UINTAH
Footages: QQ, Sec, T., R., M.:			County: State:	UTAH
11. CH	IECK APPROPRIATE BOXES TO INDICAT	TE NATURE OF NOTICE	REPORT, OR OT	HER DATA
NOTICE	OF INTENT		SUBSEQUEN	T REPORT
(SUBMIT	IN DUPLICATE)		(Submit Original	i Form Only)
Abandon	New Construction	Abandon*		New Construction
Repair Casing	Pull or Alter Casing	Repair Casing		Pull or Alter Casing
Change of Plans	Recomplete	Change of Plans		Reperforate
Convert to Injection	Reperforate	Convert to Injecti	on	Vent or Flare
Fracture Treat or Acidize	Vent or Flare	Fracture Treat or	Acidize	Water Shut-Off
Multiple Completion	Water Shut-Off	X Other	OPERATOR NAME	CHANGE FOR WELLS
Other		Date of work comple	etion	
Approximate date work will start			Completion and Recompletion MPLETION REPORT AND LO	to different reservoirs on WELL DG form.
40	ATIONS (Clearly State all pertinent details, and give pertinent dat		a cement verification report.	
and would like to transfer the well p	oril 12, 2000, CNG Producing Company has permits into the name of Dominion Exploration be bond number is 76S 63050 361.		ur new bond has bee	
				JUN 2 9 2000
				_ •
			OIL,	DIVISION OF GAS AND MINING
13.		On Man Provident Prov	iniaa Fuul & Brad	les Date lung 26 2000
Name & Signature: John R (This space for State use only)	Lewis	Sr. Vice-President - Don	шноп ехрг. & Ргод.,	Inc. Date: June 26, 2000

Dominion Exploration & Production, Inc. 1450 Poydras Street, New Orleans, LA 70112-6000 Phone: 504-593-7000



June 27, 2000

Mr. Jimmy Thompson Utah Board of Oil Gas & Mining 1594 West North Temple Suite 1210 Salt Lake City, UT 84114-5801

RE: Name Change Documentation for CNG Producing Company

Dear Mr. Thompson:

CNG Producing Company has become Dominion Exploration & Production, Inc. effective April 12, 2000. Enclosed please find a sundry regarding the name change with an attached listing of all the permits in the name of CNG Producing Company to be changed to Dominion Exploration & Production, Inc. Also enclosed please find a Form UIC 5 for the Transfer of Authority to Inject for the Federal #1-26B well.

If you have any questions or require any additional information, please contact me at (504) 593-7260.

Sincerely,

DOMINION EXPLORATION & PRODUCTION, INC.

YUSON H. Sachitara

Susan H. Sachitana

Regulatory Reports Administrator

Enclosure

cc: Nelda Decker

RECEIVED

JUN 2 9 2000

DIVISION OF OIL, GAS AND MINING



Application To Amend The CERTIFICATE OF AUTHORITY OR REGISTRATION of

Check Appropriate Box	
Foreign Profit Corporation	\$35.00
Foreign Non-Profit Corporation	\$35.00
Foreign Limited Partnership	\$25.00
Foreign Limited Liability Company	\$35.00

		CNG Producing Company Business chiny Name
		Delaware Kame of Home State
I.	AMENDING THE BUSINESS N	AME
	The business name is changed to:	
	The corporation shall use as its nam	e in Utah: Dominion Exploration & Production, Inc.
	The state of the s	(The desperation shall use its name as set forth on at. unless this name at not available)
	amendment must accompany this application.	he home state, a copy of the Certificate of Amendment or a certified copy of the
Спеск	the following: Of the compession is changing its	s name in Utah to the new name of the corporation in the home state.
	[] The name of the corporation is being chang	s name in Otah to the new hante of the corporation in the name state. Jed in Utah to comply with Utah State Insurance Regulations.
		• • • • • • • • • • • • • • • • • • • •
11.	AMENDING THE DURATION (OF THE BUSINESS EXISTENCE
· 16	The businesses period of duration is	changed to:
, j		
TIII.	AMENDING THE STATE OR C	OUNTRY OF INCORPORATION/REGISTRATION
	The corporation's state or country of	f incorporation/registration is changed to:
		•
IV.	Other:	
- · ·		riners, Limited Companies changing Members or Managers. Change of statement who is managing, etc.)
	•	Use an anached sheet if needed,
T I J		
		plication to Amend the Certificate of Authority or Registration to be,
to the	best of my knowledge and belief, true	e and correct.
	Less-Wither	Vice President & Corporate Secretary April 20 2000
	Signature	Title Department of Commerce Division of Corporations and Commercial Code
		Hereby certify that the foregoing has been filed
		#NG BDDFOVED ON THIE Zのフォルムノ AMA/ カルノス
Į	STATE OF UTAH	In the office of this Division and hereby lesue this Certificate thereof.
1	DIVISION OF CORPORATIONS	Examiner Of Date 7/40
	AND COMMEDCIAL CODE	Date

DIVISION OF CORPORATIONS
AND COMMERCIAL CODE
160 East 300 South / Box 146705
Salt Lake City, UT 84114-6705
Service Center: (801) 530-4849

Web Site: http://www.commerce.state.ut.us

APR 25 2000

common/forms/Misclamendcen Revised 01-14-00 mm LTU22 - 2/19/00 CT System Online

Uch Dk Of Corp. & Comm. Code

- CJENSO

ATTOJENSO ALLES ALGTOR

le: 04/25/2000

Receipt Number: 22156 Amount Paid: \$60.00

			RECEIV	/ED
STATE #9-36E	4304732405	DOMINION EXPLORATION & PR		7
STATE #2-36D	4304732404	DOMINION EXPLORATION & PR	LÄ 🐧	
EVANS FEDERAL #32-26	4304732395	DOMINION EXPLORATION & PR	PR .	BLM
EVANS FEDERAL #12-25A	4304732394	DOMINION EXPLORATION & PR	PR	BLM
RBU #13-23F	4304732361	DOMINION EXPLORATION & PR	LA	BLM
RBU #7-19F	4304732360	DOMINION EXPLORATION & PR	LA	BLM
RBU #9-20E	4304732335	DOMINION EXPLORATION & PR	LA	BLM
RBU #13-34B	4304732334	DOMINION EXPLORATION & PR	PA	BLM
RBU #7-20E	4304732332	DOMINION EXPLORATION & PR	LA 3	BEN
RBU #12-2F	4304732311	DOMINION EXPLORATION & PR	LA 1	
RBU #13-19F2	4304732311	DOMINION EXPLORATION & PR	LA ,	BLM
RBU #7-23E	4304732291	DOMINION EXPLORATION & PR	LA	BLM
RBU #16-9E RBU #3-10E	4304732273 4304732291	DOMINION EXPLORATION & PR DOMINION EXPLORATION & PR	LA PA	BLM BLM
RBU #1-3E	4304732272 4304732273	DOMINION EXPLORATION & PR	LA LA	BLM BLM
RBU #4-15F	4304732269	DOMINION EXPLORATION & PR	PA	(BIA)
RBU #11-21F	4304732262	DOMINION EXPLORATION & PR	LA	BLM
STATE #9-36B	4304732249	DOMINION EXPLORATION & PR	PR	TOPHE
FEDERAL #13-26B	4304732237	DOMINION EXPLORATION & PR	PR 1	S.Warra
STATE #5-36B	4304732224	DOMINION EXPLORATION & PR	PR	TRIBLE
STATE 2-32B	4304732221	DOMINION EXPLORATION & PR	· · · · · · · · · · · · · · · · · · ·	4 3 C () E
RBU #3-19FX	4304732216	DOMINION EXPLORATION & PR	LA _	BLM Sease
RBU #15-13E	4304732167	DOMINION EXPLORATION & PR	LA	BLM
RBU #5-17F	4304732165	DOMINION EXPLORATION & PR	LA	BLM
RBU #5-24E	4304732154	DOMINION EXPLORATION & PR	LA	BLM
RBU #3-3E	4304732152	DOMINION EXPLORATION & PR	LA	BLM
RBU #3-15F	4304732140	DOMINION EXPLORATION & PR	LA	BLM
RBU #15-10E	4304732139	DOMINION EXPLORATION & PR	LA	BLM
RBU #3-17F	4304732127	DOMINION EXPLORATION & PR	LA	BLM
RBU #6-19F	4304732126	DOMINION EXPLORATION & PR	LA	BLM
RBU #7-13F	4304732111	DOMINION EXPLORATION & PR	LA	BLM
RBU #7-15F	4304732109	DOMINION EXPLORATION & PR	LA	BIA
RBU #7-18F RBU #15-15F	4304732104	DOMINION EXPLORATION & PR	LA	(BIA)
➤ RBU #7-13E RBU #7-18F	4304732051	DOMINION EXPLORATION & PR	LA	BLM
STATE #11-36E)	4304732019	DOMINION EXPLORATION & PR DOMINION EXPLORATION & PR	LA	STATE BLM
EVANS FEDERAL #41-26	4304731879 4304732019	DOMINION EXPLORATION & PR	PR	BLM
'EVANS FEDERAL #3-25	4304731878 4304731879		PR :	
RBU #16-19C	4304731841	DOMINION EXPLORATION & PR DOMINION EXPLORATION & PR	PR	BLM BLM
RBU #3-10D PBU #16-19C	4304731832	DOMINION EXPLORATION & PR	DA	BLM
STATE #12-36E		DOMINION EXPLORATION & PR	PA	STATE BLM
SADDLE TREE DRAW 13-34	4304731782 4304731784	DOMINION EXPLORATION & PR	LA LA	BLM
SADDLE TREE DRAW 16-31	4304731781	DOMINION EXPLORATION & PR	LA LA	BLM BLM
SADDLE TREE DRAW 4-31	4304731780	DOMINION EXPLORATION & PR	LA	BLM .
STATE #4-36E	4304731777	DOMINION EXPLORATION & PR	PR ¹	6TATE
RBU #11-31B	4304731765	DOMINION EXPLORATION & PR	LA *	BLM
X HILL CREEK FEDERAL #1-27	4304731675	DOMINION EXPLORATION & PR	PR	
HILL CREEK STATE #1-32	4304731560	DOMINION EXPLORATION & PR	UNK	* STATE BLM**
RBU #10X-15E	4304731551	DOMINION EXPLORATION & PR	PA	BLM
HILL CREEK FEDERAL #1-29 HC		DOMINION EXPLORATION & PR	PR	BLM
RBU #16-2D	4304731353	DOMINION EXPLORATION & PR	PR	STATE
RBU #6-2D	4304731190	DOMINION EXPLORATION & PR		STATE
BARTON FEDERAL #1-26	4304731179	DOMINION EXPLORATION & PR	PR	BLM
FEDERAL #6-30B	4304730733	DOMINION EXPLORATION & PR	PA	BLM
FEDERAL #1-26A	4304730716	DOMINION EXPLORATION & PR	PA	BLM
RBU #11-36B	<i>4</i> 304730583	DOMINION EXPLORATION & PR	DA	STATE
RBU #11-21E	4304730414	DOMINION EXPLORATION & PR	PA ,	BLM
NATURAL #1-2 - RBU	4304730153	DOMINION EXPLORATION & PR	PA	BLM
OSC #5-2 X	4304730129	DOMINION EXPLORATION & PR	PR	STATE
√ QSC#3 1 *€	4304730104	DOMINION EXPLORATION & PR	PA 🐧	BLM
MA IOR MARTIN FED 1	4303731479	DOMINION EXPLORATION & PR	PA	BLM
TRUDI FED 2-17	4303731453	DOMINION EXPLORATION & PR	PA	BLM
KENNETH TAYLOR - USA 1	4303731284	DOMINION EXPLORATION & PR	LA	BLM
AMY THORPE - USA 1	4303731283	DOMINION EXPLORATION & PR	LA	BLM
Well Name	Api Well Code	Operator Name	Production Status	Lease Type

JUN 2 9 2000 DIVISION OF

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET

Check each listed item when completed. Write N/A if item is not applicable.

KUUTING:	
	4-KAS
2-CDW:	54/0 V
3-JLT	6-FILE

Change of Operator (Well Sold)

Designation of Agent

X Operator Name Change Only

Merger

The operator	of the we	ll(c) listed	helow h	as changed	effective:	4-12-00	
i ne oberator	or the we	เหรา แรเซน	DEIOW II	as changeu.	CHECHYC.	4-1 <i>~</i> -00	

TO:(New Operator) <u>DOMINION EXPL & PROD INC.</u>

Address:

1450 POYDRAS STREET

NEW ORLEANS, LA 70112-6000

Phone: 1-(504)-593-7000 Account No. N1095

FROM: (Old Operator) CNG PRODUCING COMPANY

Address: 1450 POYDRAS STREET

NEW ORLEANS, LA 70112-6000

Phone: 1-(504)-593-7000 Account No. N0605

WELL(S):	CA Nos.	c	r RIVER BEN	ND		_ Unit
Name: NATURAL 1-2	API:	43-047-30153	Entity: 11377	S 02 T 10S	R_20E	Lease: <u>ML-10716</u>
Name: RBU 11-21E	API:	43-047-30414	Entity: 9010	S <u>21 T 10S</u>	_R_19E	_Lease: <u>U-013766</u>
Name: RBU 11-31B	API:	43-047-31765	Entity: <u>9010</u>	S <u>21</u> T <u>10S</u>	R_19E	Lease: <u>U-013766</u>
Name: RBU 3-10D	API:_	43-047-31832	Entity: <u>4955</u>	S 10 T 10S	R_18E	Lease: <u>U-013818-A</u>
Name: RBU 16-19C	API:	43-047-31841	Entity: <u>4955</u>	S 10 T 10S	R_ <u>18E</u>	Lease: <u>U-013818-A</u>
Name: RBU 7-13E	API:	43-047-32051	Entity: 7050	S <u>13</u> T <u>10S</u>	R 19E	Lease: <u>U-013765</u>
Name: RBU 7-18F	API:_	43-047-32104	Entity: <u>99998</u>	S <u>18</u> T <u>10S</u>	R_20E_	Lease: <u>U-013769</u>
Name: RBU 7-23E	API:	43-047-32125	Entity: <u>99998</u>	S 23 T 10S	R 19E	Lease: <u>U-01376</u>
Name: RBU 6-19F	API:	43-047-32126	Entity: <u>99998</u>	S 19 T 10S	R <u>20E_</u>	Lease: <u>U-013769A</u>
Name: RBU 3-17F	API:_	43-047-32127	Entity: <u>7050</u>	S 17 T 10S	R_20E_	Lease: <u>U-013769C</u>
Name: RBU 15-10E	API:	43-047-32139	Entity: <u>99998</u>	S <u>10</u> T <u>10S</u>	R 19E	Lease: <u>U-013792</u>
Name: RBU 3-15F	API:_	43-047-32140	Entity: <u>99998</u>	S 15 T 10S	R_20E	Lease: <u>U-7206</u>
Name: RBU 3-3E	API:	43-047-32152	Entity: <u>99998</u>	S <u>03</u> T <u>10S</u>	R 19E	Lease: <u>U-013765</u>
Name: RBU 5-24E	API:	43-047-32154	Entity: 7050	S 24 T 10S	R 19E	Lease: <u>U-013794</u>
Name: RBU 5-17F	API:	43-047-32165	Entity: <u>99998</u>	S 17 T 10S	R <u>20E_</u>	Lease: <u>U-013769C</u>
Name: RBU 15-13E	API:	43-047-32167	Entity: <u>7050</u>	S 13 T 10S	R 19E	Lease: <u>U-013765</u>

OPERATOR CHANGE DOCUMENTATION

<u>YES</u> 1.	A pending operator change the has been set up.
YES 2.	(R649-8-10) Sundry or other legal documentation has been received from the FORMER operator on <u>6-29-00</u>
<u>YES</u> 3.	(R649-8-10) Sundry or other legal documentation has been received from the NEW operator on <u>6-29-00</u> .

The new company has been looked up in the Department of Commerce, Division of Corporations Database <u>YES</u> 4. if the new operator above is not currently operating any wells in Utah. Is the operator registered with the State? Yes/No If yes, the company file number is **SEE ATTACHED** . If no, Division letter was mailed to the new operator on_

<u>YES</u> 5.	Federal and Indian Leas Vells. The BLM or the BIA has approved the merger, name change or operator change for all wells listed above involving Federal or Indian leases on 6-2-00
<u>N/A</u> 6.	Federal and Indian Units. The BLM or the BIA has approved the successor of unit operator for all wells listed above involving unit operations on
<u>N/A</u> 7.	Federal and Indian Communitization Agreements ("CA"). The BLM or the BIA has approved the operator change for all wells listed above involved in the CA on
<u>N/A</u> 8.	Underground Injection Control ("UIC") Program. The Division has approved UIC Form 5, Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project and/or for the water disposal well(s) listed above.
<u>YES</u> 9.	Changes have been entered in the Oil and Gas Information System for each well listed on 7-25-00
<u>YES</u> 10.	Changes have been included on the Monthly Operator Change letter on 7-25-00
STATE BO	ND VERIFICATION
<u>N/A</u> 1.	State Well(s) covered by Bond No
FEE WELI	LS - BOND VERIFICATION / LEASE INTEREST OWNER NOTIFICATION
<u>N/A</u> 1.	(R649-3-1) The NEW operator of any fee lease well(s) listed above has furnished a proper bond.
<u>N/A</u> 2.	A copy of this form has been placed in the new and former operator's bond files on
<u>N/A</u> 3.	The FORMER operator has requested a release of liability from their bond as of todays date? If yes, Division response was made to this request by letter dated (see bond file).
<u>N/A</u> 4.	(R649-2-10) The Former operator of any Fee lease wells listed above has been contacted and informed by letter dated, of their responsibility to notify all interest owners of this change.
<u>N/A</u> 5.	Bond information added to RBDMS on
<u>N/A</u> 6.	Fee wells attached to bond in RBDMS on
FILMING	
1.	All attachments to this form have been microfilmed on
FILING	
1.	Originals/Copies of all attachments pertaining to each individual well have been filed in each well file.
2.	The original of this form has been filed in the operator file and a copy in the old operator file.
COMMEN	TS